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Ellsworth College Catalog

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UNIVERSITY OF ILLINOIS



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1923

Bulletin of
Ellsworth College

Vol. XIII

JUNE

No. 4

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CATALOG
of
Ellsworth College
1922-23

ANNOUNCEMENTS
FOR
1923-1924

“Education is a preparation for complete
living.”—*Herbert Spencer.*

Iowa Falls, Iowa, 1922

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UNIVERSITY OF ILLINOIS

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1923

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THE COLLEGE CALENDAR

1922-1923

FIRST QUARTER

1922—

September 11-12—Monday and Tuesday—Entrance Examinations and Registration, 9:00 A. M. to 4:00 P. M.

September 12—Tuesday—Faculty Meeting, 4:00 P. M.

September 13—Wednesday—Instruction begins in all departments.
7:40 A. M.

September 13—Wednesday—Annual reception to students and faculty by the Christian Associations, 8:00 P. M.

October 7—Saturday—Annual October Drive and Re-union.

November 27-28-29—Monday, Tuesday and Wednesday—Final Examinations in all departments.

November 29—Wednesday—First quarter closes, 4:00 P. M., Thanksgiving recess begins.

SECOND QUARTER

December 4—Monday—Registration, 9:00 A. M. to 4:00 P. M.

December 5—Tuesday—Instruction begins in all departments, 7:40 A. M.

December 22—Friday—Christmas vacation begins, 4:00 P. M.
1923—

January 9—Tuesday—Instruction resumes in all departments, 7:40 A. M.

February 7—Wednesday—Annual reception to students given by the faculty, 8:00 P. M.

February 11—Sunday—Lincoln Vesper Service, 4:00 P. M.

March 7-8-9—Wednesday, Thursday and Friday—Final examinations in all departments.

March 9—Friday—Spring vacation begins, 4:00 P. M.

THIRD QUARTER

- March 19—Monday—Registration, 9:00 A. M. to 4:00 P. M.
March 20—Tuesday—Instruction begins in all departments, 7:40 A. M.
May 30—Wednesday—Memorial Day.
May 31—Thursday—President's Luncheon to Senior Class, 12:30 P. M.
May 31—Thursday—Annual Program of Euterpean Society, 8:00 P. M.
June 1—Friday—Senior Chapel, 9:40 A. M.
June 1—Friday—Annual Joint Program of the Literary Societies of the Academy, 8:00 P. M.
June 1-4-5—Friday, Monday and Tuesday—Final examinations in all departments.
June 3—Sunday—Sermon before Christian Associations, 10:30 A. M.
June 3—Sunday—Baccalaureate Address, 8:00 P. M.
June 4—Monday—Annual Joint Program of the Literary Societies of the College, 8:00 P. M.
June 5—Tuesday—Annual Recital of the Conservatory of Music, 8:00 P. M.
June 6—Wednesday—Annual Meeting of the Board of Trustees, 9:00 A. M.
June 6—Wednesday—Class Day of the Academy, 10:30 A. M.
June 6—Wednesday—Class Day of the College of Liberal Arts, 2:30 P. M.
June 6—Wednesday—Living Endowment Picnic, 5:00 P. M.
June 7—Thursday—Commencement Exercises, 10:30 A. M.
June 7—Thursday—Alumni Banquet, all departments, 12:00 M.
June 7—Thursday—Business Meeting of Alumni Association, 2:00 P. M.
June 7—Thursday—President's Reception for College Seniors, 3:00 to 4:00 P. M.

FOURTH QUARTER

- June 11—Monday—Registration for Summer School, 9:00 A. M. to 4:00 P. M.
July 4—Wednesday—Independence Day.
August 18—Saturday—Summer School Closes.

Board of Trustees

President	Judge S. M. Weaver
Vice-President	Sumner J. Osgood
Secretary	Frank D. Peet
Treasurer	E. O. Ellsworth

MEMBER EX-OFFICIO

Ido Franklin Meyer	President of the College
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TERM EXPIRES JUNE, 1928.

E. O. Ellsworth	Iowa Falls, Iowa
S. M. Weaver, LL.D.	Iowa Falls, Iowa
W. H. Woods	Hollywood, California
Mrs. Hattie A. Ellsworth	Iowa Falls, Iowa
Frank D. Peet	Iowa Falls, Iowa

TERM EXPIRES JUNE, 1924

R. W. Birdsall	Dows, Iowa
Sumner J. Osgood, B. A.	Iowa Falls, Iowa
John L. Weldon	Iowa Falls, Iowa
Glenn C. Smith, A. B.	Iowa Falls, Iowa

TERM EXPIRES JUNE, 1926

Chris Klemme	Iowa Falls, Iowa
C. M. Wray, M. D.	Iowa Falls, Iowa
A. M. White, LL. D.	Los Angeles, California
Preston Bradley, D. D.	Chicago, Illinois

STANDING COMMITTEES

Committee on Endowment Lands

E. O. Ellsworth	W. H. Woods	J. B. Parmelee
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Executive Committee

Judge S. M. Weaver	E. O. Ellsworth
Sumner J. Osgood	Frank D. Peet

Finance Committee

Sumner J. Osgood	Chris Klemme	John L. Weldon
A. M. White	Frank D. Peet	E. O. Ellsworth

Committee on Buildings and Grounds

C. M. Wray	Chris Klemme	Mrs. Hattie A. Ellsworth
Sumner J. Osgood	R. W. Birdsall	

Committee on Faculty

Frank D. Peet	Judge S. M. Weaver	Dr. Preston Bradley
	Sumner J. Osgood	

Faculty and Instructors

IDO FRANKLIN MEYER, Litt. M., A. M., President, Professor of Psychology and Philosophy.

Litt. M., Hedding College, 1895. Ph. B. Grinnell College, 1904.
A. M. University of Illinois, 1905. Ellsworth College, 1905.

SHERIDAN ROSS JONES, A. M., Dean, Professor of Biology.

A. B., University of South Dakota, 1902. A. M., University of South Dakota 1906. Graduate Study, University of Michigan, 1916-17. Ellsworth College, 1908.

OTHELLO E. REYNOLDS, A. M., Registrar, Professor of Chemistry and Physics.

S. B., Wabash College, 1885. A. M., Wabash College, 1888. University of Chicago, 1902 and 1904. Ellsworth College, 1912.

ARTEMUS ERWIN BULLOCK, Mus. B., Director of Conservatory of Music, Professor of Voice and Piano.

Graduate Oberlin Conservatory of Music. Student of Vannini in voice and also of Bounamici in piano, Florence, Italy, one year. Mus. B., Oberlin Conservatory of Music, 1907. Ellsworth College, 1895.

JAMES EDWARD MAGEE, A. M., Principal of Ellsworth School of Commerce, Professor of Commercial Subjects.

Litt. B. Earlham College. A. M., New York University. Graduate, New York School of Accounts, and Metropolis Business College. Graduate study University of Iowa summer quarter, 1913-14. University of Wisconsin summer quarters, 1918-19-20-21. University of Chicago summer quarters, 1915 and 1922. Ellsworth College, 1914.

MARTHA LENA LENHARDT, A. B., Professor of French, German and Latin.

A. B., Northwestern College, 1905. Graduate Study University of Chicago, summer quarter, 1907. Graduate Study, Northwestern University, 1907-08. Ellsworth College, 1919.

JOHN P. HIMMEL, S. B., Professor of Mathematics.

S. B., Northwestern College, 1910. Graduate Study, Ellsworth College, 1911-13. University of Chicago summer quarters, 1916 and 1922. Ellsworth College, 1911.

**CHARLES WILLIAM SHUMWAY, Ph. D., Professor of Education,
Biblical History and Literature.**

A. B. University of Southern California, 1916; S. T. B. Boston University 1917; M. A. University of Southern California, 1918; B. D. Ibid 1918; Ph. D. Boston University, 1919. Professor of Education, Biblical History and Literature, Ellsworth College, 1921.

**ALDEN A. CARLSON, A. M., Professor of English Language and
Literature.**

A. B. University of Minnesota, 1915; A. M. University of Minnesota 1917; University of Chicago 1918. Professor of English Language and Literature Ellsworth College, 1921.

(TO BE APPOINTED) Professor of Expression and Oratory.

**OLIVE LOGERSTROM, M. S., Professor of Home Economics and
Latin.**

B. S., Kansas State College of Agriculture and Mechanical Arts, 1919. M. S., University of Wisconsin, 1922. Ellsworth College, 1922.

**WILLIAM L. SCHULTZ, A. M., Professor of History, Economics and
Social Science.**

A. B. Kalamazoo College, 1917. A. M., University of Michigan, 1918. Ellsworth College, 1919.

**BELLE McLAUGHLIN STOUT, A. B., Instructor in English and Nor-
mal Training.**

Studied in Hamlin University. A. B. Ellsworth College 1922. Ellsworth College, 1899.

**MINNIE ADAMSON BULLOCK, Mus. B., Instructor in Piano and
Harmony.**

Graduate of Ellsworth Conservatory of Music, 1899. Student of Oberlin Conservatory of Music, 1899, 1900-02. Mus. B., Ellsworth College Conservatory of Music, 1916. Ellsworth College, 1903.

**JUSTINA SUSANNA MEYER, A. B., Instructor in Shorthand and
Typewriting.**

Graduate of Macomb Shorthand School, 1893. Student at University of Illinois, 1904-05. Graduate of Ellsworth Conservatory of Music, 1908. A. B., Ellsworth College, 1922. Ellsworth College, 1905.

GLENN C. SMITH, A. B., Instructor in Commercial Law, History and Civics.

A. B. Ellsworth College, 1914. Summer School University of Wisconsin, 1915. Summer School, University of Illinois, 1916. Ellsworth College, 1915.

J. WILLIAM THALMAN, Mus. B., Instructor in Piano, Musical History and Public School Music.

Graduate of Ellsworth Conservatory of Music, 1918. Cornell University, summers 1918 and 1919. Ellsworth College, 1918.

LUCILE COREY, Instructor in Violin, Viola, and director of College Orchestra.

Ellsworth College, 1922.

GEORGE W. BEBE, Instructor in Wind Instruments and Band Director.

Other Officers and Instructors

SHERIDAN R. JONES, Curator of Museum.

GLENN C. SMITH, Director of Athletics, Baseball, and Football
Coach. Preceptor, North Hall.

JAMES EDWARD MAGEE, Preceptor, Main Hall.

MARTHA LENA LENHARDT, Preceptress, Caroline Hall.

DOROTHY COATES, Secretary to the President.

TO BE APPOINTED, Librarian.

MRS. GEORGE FITTS, Chef and Overseer of Dining Hall.

SYLVESTER A. MANGUN, Engineer and Janitor.

Standing Committees of the Faculty

Athletics—

Professors Jones, Magee, Himmel, Schultz and Smith.

Catalog and Curriculum—

Professors Reynolds and Shumway.

Classification, Registration and Schedule—

Professors Reynolds, Jones, Bullock, Magee, Himmel and Stout.

College Paper—

Professors Reynolds, Logerstrom, Shumway and Carlson.

Graduate Study—

Professors Jones and Reynolds.

Library—

Professors Himmel, Schultz, Bullock and Shumway.

Oratorical Events—

Professors Magee, Himmel, Carlson and Logerstrom.

Student Organization—

Professors Magee, Schultz, Lenhardt, and Mesdames Stout and Meyer.

Religious Services—

Mesdames Meyer, and Professors Logerstrom, Magee and Bullock.

Social Affairs—

Professor Jones, and Mesdames Stout and Meyer.

GENERAL STATEMENT

The college was given its name in 1890 in honor of Mr. E. S. Ellsworth. Mr. Ellsworth was a prominent business man and financier of Iowa Falls up to the very time of his death in 1907. He expended large sums of money on the campus, buildings and equipment of the college. The wonderful growth of the college from a small number to nearly five hundred, in a period of a few years, has amply justified the wise foresight and large philanthropy of its public-spirited benefactor and real founder.

The following is quoted from the 1918 spring edition of "The College Magazine" of New York City. It was written by a resident of Iowa Falls who is familiar with the development of the College, but is not an official of the institution. "When it is remembered that Ellsworth is the only strictly independent college in Iowa, it may be important to inquire how this progress has been made. Though no church or civic organization is sponsor for the college, the president has emphasized the point that the college has a right to expect, on condition that it maintains high ideals and worthy standards of scholarship, the favor, good will, financial support and patronage of all the people. The college really is an inter-denominational school; all students are at home in the institution, and education is administered on the broad and generous foundations of freedom and democracy. Students in its halls receive honors only for meritorious achievement. Everyone is free to work out his own educational life—free to seek and discover truth for himself. This broad ground has already attracted considerable attention and the general comment has been favorable.

"Another distinguishing mark of the organization and administration is the co-ordination of cultural, scholarly and vocational ideas of education so that graduates can easily and surely adapt themselves to specific world activity and life efficiency. Making a truer life must be related to making an honest living. This seems axomatic in the scheme of education at Ellsworth.

"The field of business life is recognized as offering the largest variety of occupations. So, large provision has been made for business majors in the College of Liberal Arts. Also, there are ample and attractive two and four-year college courses preparing students for professional schools of all kinds.

"The work of the Conservatory of Music has attracted much attention from a large patronizing territory. This department was organized simultaneously with the founding of the institution. Since

its beginning it has grown from a small number of students to an enrollment ranking among the largest in the Middle West. Such signal success has been achieved solely because of the efficiency of the faculty and the high standard of excellence maintained in the work of the students. Full courses in piano, voice, violin and the various phases of musical theory are offered."

Organization

The College of Liberal Arts comprises and offers four years of standard collegiate work in the sciences, literature, art, commercial subjects, domestic science, household economics and sewing leading to the degrees of A. B., Ph. B. and B. S. Students who complete these courses are given full credit for their work and are admitted to graduate standing in the standard colleges and universities.

The School of Education offers a four-year teachers' course of academic grade. For graduates of accredited high schools, a two-year course of collegiate grade is offered. This leads to the five-year state certificate. In addition to these courses, special professional work for the five-year first grade certificate is provided.

The Academy offers standard courses for entrance to colleges and universities, and also courses in domestic science, household economics, sewing and manual training.

The School of Commerce offers short, practical courses for students who cannot continue long in their general preparation for business life. There are also offered courses of one, two, three and four years each which give complete, practical training for young people who do not wish to take the regular High School or Academic work, but who wish to secure a more general and a more practical business training. Courses of college grade are offered, so that students may complete majors in business.

The Conservatory of Music offers complete courses in vocal and in instrumental music, which are of high grade and are accepted by the standard conservatories and colleges. Special courses in violin and also courses in the theory and history of music are offered. Courses in public school music majors in music for A. B. degree, work in Mus. B. degree are offered.

Location

Iowa Falls, the home of Ellsworth College, is a thriving city of about 4,000 people. It has four lines of railway; the Chicago and Northwestern, two lines of the Chicago, Rock Island & Pacific, and the Illinois Central. Thirty trains carrying passengers daily enter and leave this city. Four interstate automobile trails pass through here. It is thus seen that Iowa Falls is easily accessible from any part of the country.

The city has more than state-wide reputation for her picturesque scenery. This was once described in these words: "A small part of Colorado in the midst of rich Iowa prairies." Many travelers of experience have declared that this is one of the most beautiful college seats that they have seen.

Iowa Falls is an attractive city for student life. It is not so large as to contain the distracting features that are found in the large city. It has all those features that are properly helpful to student interests. Many of the best lectures and entertainments are made special features. It is common observation that its people are highminded in the sense of giving their support to those things that contribute to the best interests of college life. Students are heartily welcomed.

Endowment

By the will of the late Mr. E. S. Ellsworth, Ellsworth College received four thousand nine hundred ninety-two acres of improved Iowa land. This land, with the exception of about twelve hundred acres, has been sold, so that the college now has a productive cash endowment of \$217,031.00, the income from which, together with the income from the lands, is available for use of the college.

Scholarships

Through the generosity of some of the steadfast friends of Ellsworth College, a few scholarships have been founded for the assistance of deserving young people. The bestowal of these scholarships is determined by the administration of the college.

The following scholarships have been provided:

\$1,000.00. The Foster Scholarship was founded in January, 1913, by Mrs. Abbie J. Foster, and Mr. and Mrs. F. E. Foster, of Iowa Falls, Iowa.

\$1,000.00. The Clover Scholarship was founded in January, 1913, by Mr. and Mrs. W. F. Clover, of Boulder, Colorado.

\$1,000.00. The Lathrop Scholarship was founded in February, 1913, by Mr. and Mrs. S. E. Lathrop, of Iowa Falls, Iowa.

\$6,000.00. The Weldon Scholarships. Six scholarships were founded in June, 1917, by Hon. Wm. Welden, of Iowa Falls, Iowa.

The Cobb Gold Medal

Through the liberality of Mr. O. C. Cobb, a gold medal is each year awarded to the graduate who has made the highest average grades during the four years in college.

The Preston Bradley Prize in Oratory

On Commencement day, June 5, 1919, Dr. Preston Bradley, Pastor of the People's Church, Chicago, Ill., founded a perpetual annual prize in oratory of \$100.00 in gold. He left all of the details of its awarding to the college administration. In consequence of Dr. Bradley's generosity, Ellsworth College now offers annually, a first prize in oratory of \$70.00, and a second prize of \$30.00.

The former oratorical prizes are now offered as a single third prize of \$18.00.

The Campus

The Campus of the college now includes eight acres, this furnishes a site for the buildings, and for the new athletic field. The present building site contains a little over four acres, and the athletic field about four acres. The campus has beautiful native oak, elm and hard maple trees and is surrounded by good dwellings and well kept streets. It is one of the most attractive locations in the city. The new athletic field was bought and donated to the college by the Ellsworth Living Endowment Association, and the field is being developed and improved.

Until the improvements of the new athletic park are completed, the college will continue to use the old athletic field, which has been provided by the kindness of Mr. Ellsworth.

Main Hall

The first story of this building is now occupied by the department of chemistry. The second floor is occupied by administration offices, physics laboratory, nine lecture rooms, and the Christian Association

room. On the third floor is located the School of Commerce, occupying the west half of the floor, consisting of three rooms; an actual business practice room, a shorthand room, and a typewriting room. In the east half of the floor is the chapel and the college book store. On the fourth floor are dormitory rooms for men.

North Hall for Men

In this hall there are seventeen suites of rooms, each consisting of a study room and a bed room, and furnished with study table, book shelf, wash stand, bowl and pitcher, bedstead with springs and mattress. These rooms are heated by the central heating plant and lighted by electricity. Shower baths are provided. A resident professor is in charge of the hall with living rooms on the first floor. The manual training laboratory has also been established in this building.

Caroline Hall

This building has a high basement, first, second, third and fourth floors. The basement provides a spacious and well-lighted dining room, serving room, kitchen, store room and laundry. The first, second and third floors have corridors eight feet in width on either side of which are dormitory rooms which are about 12x14 in floor space and 8 feet 6 inches high; each room has a closet about 3x5. There are, on the three floors, fifty-five of these rooms, all well lighted and heated. The preceptress' rooms are on the first floor, at the right of the front entrance. On each floor there is a bath room with hot and cold water. The girl's gymnasium occupies the entire fourth floor.

Domestic science and sewing laboratories are located on the first floor.

The College Library

This building is practically three stories high, the basement story being well elevated and well lighted, and is constructed of pressed brick and trimmed with stone, with a roof of tile. The museum and the biological laboratories are located on the first floor.

On the second floor, there is the periodical and general reading room, at the rear of which is the stack room and there are on the third floor, a society hall and four music studios.

Heating and Lighting Plant

This is a very neat structure of stone and pressed brick, with a tile roof. It has two eighty-five horsepower boilers and a twenty-five horsepower Springfield Ideal engine and a dynamo that will normally generate one thousand sixteen-candle power lights.

The Carleton Home

By the will of the late Mr. J. H. Carleton, of Iowa Falls, The Carleton Home situated on Main street, at the corner of the College campus became the property of Ellsworth College, on the condition that the college raise \$10,000.00. This condition has been complied with, and the Carleton Home is now occupied by the President and his family.

Thus thru the generosity of the late Mr. Carleton and other friends, Ellsworth College is now in possession of a beautiful and spacious home for its President. A conservative estimate places the value of this property at not less than \$8,500.00.

Religious Culture

In both theory and practice the spirit of the college is Christian, but it is non-denominational. The great and real principles of love and service in our relations to our fellowmen are taught clearly, definitely and practically. The aim is to develop the life of each student so that right tendencies may be imputed and emphasized.

Formal and systematic Bible study, under the personal direction of members of the faculty, is kept up weekly by the Christian Associations of the college. There are also regular courses in Bible study for College credit.

Devotional services are held daily in the College Chapel and on the Sabbath, occasional vesper services are conducted. These prove of great value to all who attend.

The churches of the city welcome the students to their church services, Sunday Schools and young people's societies. In connection with these, special devotional services and Bible study classes are conducted.

Student Organizations

Among the integral parts of the college are the various organizations of the students, all of which are more or less under the direction of the faculty. Among these are the Young Men's Christian Association, the Young Women's Christian Association, the Athletic Council,

the Oratorical Council, the Choral Club, the Editorial Board, the Annual Board, the Band, the following literary societies: Anonian, Philomathean, Alethean, Phi Delta and Euterpean.

The Young Men's and Young Women's Christian Associations are in close touch with the young people of the college and are instrumental in creating a refining and elevating influence in student activities. The aim is primarily religious and social. Under their direction, interesting and valuable devotional meetings are held weekly, in addition to which classes in Bible study are conducted by members of the Association and by members of the faculty. Much valuable assistance is given to incoming students who may need advice and direction.

Y. M. C. A.—Robert Mitchell, Iowa Falls, Iowa, President; Leroy King, Iowa Falls, Iowa, Secretary; Nel F. Evans, Shelby, Treasurer.

Y. W. C. A.—Claudine Whitsitt, Iowa Falls, Iowa, President; Mabel Lemen, Iowa Falls, Iowa, Secretary; Clara Sheers, Iowa Falls, Iowa, Treasurer.

The Athletic Council—The General Athletic Council supervises and directs all athletic activities of the college. It is composed of the Faculty Committee on Athletics and the Student Athletic Council.

The Student Athletic Council is an advisory board composed of members chosen by the various classes of the College, Academy, and School of Commerce.

The Oratorical Council—consists of the Faculty Committee on Oratorical Events and the Student Council in Oratory. Under its direction the college conducts annually the interscholastic debates, the collegiate oratorical contests, the sub-collegiate declamatory contest, and the college play. The local organization is a member of the Iowa Collegiate Oratorical Association. Each spring a local oratorical contest is held preparatory to sending speaker and delegates to the State oratorical contest and the State convention. Credit is given for work done in the interscholastic debates, the oration for the I. C. O. A. contest, and the more important parts in the college play. Three prizes in oratory and three prizes in declamation are given to the winners in the local contests. A gold "E" is awarded to each intercollegiate debater and orator.

The Ellsworth College Choral Club is an organization which gives students opportunity to train in choral singing. The work taken up is strictly high grade, giving the student excellent training in the reading of difficult music. It develops in a wonderful degree musical appreciation as a part of the student's education. The club gives an annual public concert consisting of the best and most beautiful musical classics written. The work of the club is carefully supervised by the director of the Conservatory of Music.

The Editorial Board is a very active and effective organization which has the editing, under the faculty direction, of "The Ellsworth Student," a magazine issued semi-monthly in the interests of the college students and alumni. This magazine is of great interest and value to its readers because its pages are filled with material which is an index of the activities of student life as they prevail in Ellsworth College.

The Annual Board is an organization of the Junior class each year which edits and publishes, under faculty supervision, "The Web." This is the annual college magazine which has won for itself a permanent place among college publications.

The Band is a permanent organization. New members must now pass a satisfactory examination before they may become regular members. If they cannot pass, they are required to take lessons of the instructor until they are qualified to join.

The Literary Societies are organizations which are growing in membership and efficiency, and which deserve great credit for the work they do in developing a taste for literary work among the students. The academy supports two literary societies, the Aonian and the Philomathean; the College supports two, the Alethean for young women and the Phi Delta for young men and the Conservatory of Music supports one, the Euterpean for students of music. While the work is conducted under the direction of critics who are members of the faculty, yet the greatest liberty is allowed. Most excellent results are obtained in declamatory, oratorical and forensic work. Each society gives an anniversary program. These programs occur during the second and third quarters. The work of the societies culminates in the annual joint programs given during the Commencement week.

Library Facilities

Ellsworth college has excellent library facilities. A library of new books affords ample opportunity for reference work and research. Many of the latest publications in every department may be found on the book racks and the leading educational magazines, periodicals, and daily papers are kept on file in the reading room. In connection with its lecture work, every department of the college carries on a systematic library research. So important has the reference work become that the library is a center of student activities.

Much interest has been manifest during the last few years in the phase of equipment. Many donations of books and money have been made.

The city Carnegie-Ellsworth library is also open to the use of students. Many popular magazines and many interesting and valuable books may be obtained for reading and reference purposes.

Lecture Course

College lecture course embraces the best talent that can be secured. It includes not only lectures by eminent speakers, but also musical and other entertainments, all of high order. The course usually consists of five numbers.

The October Drive

The October Drive is an annual college event that affords much pleasure and that every Ellsworthian puts down in his calendar of college life with full purpose to attend if possible. The date is Saturday, October 7th.

Committee on Arrangements for the October Drive.

Entertainment	Dorothy Coates
Location	Bruce McCoy
Menu	Mable Hamilton
Conveyances	Andrew Hamilton
Music, Yells and Decorations	Floyd Ellefson
Arrangements for October Drive	Kenneth Fryslic

Laboratories

Our laboratory equipment is being constantly enlarged in all departments to meet the growing demands. All the appliances and materials are furnished which are needed for carrying on the work outlined in our courses.

Physical Laboratories

The laboratory of academic physics occupies the entire west wing in the basement of the main building.

It is equipped with tables of the latest design and best construction. The apparatus is modern in every detail, and is amply sufficient for our large classes. The equipment includes water, gas and electricity.

The laboratory for college physics is located on the first floor of the west wing of the main building in the room formerly occupied by the chemical laboratory. The equipment in this department is all new, and the best that can be obtained. Additional room and appliances are being added as the growing needs of the work demand.

Chemical Laboratory

The chemical laboratory is located in the central basement of the main building and is supplied with large chemical tables of modern design, furnishing individual lockers and drawers for each student. Also there is a complete individual outfit of reagents, reagent bottles, and apparatus. In addition, there are balances and other apparatus for general use. The new location and equipment afford us greatly increased facilities for laboratory work.

There is amply sufficient equipment to do efficient work in general chemistry, qualitative and quantitative analysis, and organic chemistry.

Biological Laboratory

The biological laboratory is furnished with individual Leitz compound microscopes, rotary microtomes, complete embedding and staining apparatus, and all needful appliances, substantial tables for individual students, reagents, mounting material, alcoholic and dried specimens for study, etc. New appliances have been added from time to time to keep up with the needs of the department. Excellent courses are offered in all collegiate biological subjects.

Manual Training Laboratory

A laboratory for manual training has been established on the first floor of North Hall. Benches of the most up-to-date models have been installed in sufficient numbers to accommodate large classes. The laboratory is also furnished with all necessary working tools and equipment.

Domestic Science and Sewing Laboratories

Domestic Science and Sewing laboratories have been established in the north end of Caroline Hall, on the first floor. In the domestic science laboratory the tables are equipped with gas burners, running water and other conveniences. All necessary cooking utensils are also to be found here.

In the sewing laboratory all appliances necessary for hand and machine sewing are supplied.

The Museum

The museum of natural history serves as a valuable accessory to the Department of Natural Sciences. This is conceded to be an unusually fine collection of its kind. Excellently mounted specimens of birds, mammals, fishes, etc., are arranged artistically in glass cases so that they are open for inspection to both the public and the students. These collections are always accessible to the students who desire to pursue special work.

Government

Our rules of government are few in number and very general in their application. It has been our good fortune to have sent to us an excellent class of young ladies and gentlemen, and to find that for the most part they are disposed to do what is right, largely on their motion and to control themselves according to social propriety.

Literary or other societies can exist in the institution only by faculty sanction, which is not given until the constitution and by-laws have been submitted and approved. Whenever the working of any society shall be deemed prejudicial to the College, such society shall be dissolved. No society of the college shall invite any lecturer to address them in public until the name of the proposed lecturer has been laid before the President, and permission has been given to extend the invitation.

Vacation—The Christmas vacation period shall extend from the close of the class periods on Friday before Christmas week until Tuesday morning following New Year's day. Class work to be resumed at 7:40 a. m.

Regular cuts from class work will not be permitted on the Thursday or Friday immediately preceeding this vacation period, nor the Tuesday or Wednesday immediately following this vacation period.

This rule for cuts shall apply to the days preceeding and following the Spring Recess in like manner, but not to the Thanksgiving Recess.

Special cuts taken on the above days must be made up by special examinations covering the work on the days missed, for which One Dollar (\$1.00) will be charged in each course so missed, to be paid in advance of examination.

Such examinations must be taken within one week after the class work has been resumed or the condition entered because of the special cut will be recorded as a failure, no credit being given for said course or courses.

Registration—Students are expected to complete their registration during the days set apart for that purpose (see Calendar pp. 3-4). Failure to register on one of the appointed registration days will subject the delinquent to the payment of a special registration fee of one dollar (\$1.00).

Delinquent students will be charged with absence due to late enrollment in courses, but such absences may be excused on condition that the work is satisfactorily made up. For failure to attend with required credentials the first class in each course for which a student is scheduled, a special fee of one dollar (\$1.00) will be charged.

Grades—The final standings of students are made up from:

1. Daily recitation. 2. Quizzes and drop examinations. 3. Final or term examinations. It is felt that the consideration of these factors make it possible to arrive at a just estimate of each student's work every day he is in school. He cannot neglect his work a single day without injury to his final standing. The plan compels the student to work regularly. Otherwise a correspondingly low final grade will be recorded for careless, haphazard or inattentive effort.

Courses—Each student is expected to have not less than twelve hours of work or its equivalent. No student will be allowed, without permission, to take more studies than are indicated for his class. No student will be permitted to receive instruction in any study that is not on his classification card. A student having selected any course, or an elective study, for any year, or semester, cannot change without the consent of the Faculty Committee on Classification, or the President.

Expenses

Board at the College Dining Hall

Excellent table board is furnished at the rate of \$4.75 per week paid in advance; from Monday morning to Friday night, \$4.50. The board bill is usually the largest part of school expenses, but it does not cost the student more to live at Ellsworth College than at home. All expenses are paid in advance.

Furnished Rooms, Light and Heat

The rate for rooms will vary as to location, and will range from 75 cents to \$1.00 per week for each student, two rooming together.

In the ladies' hall the rooms are large, well lighted and well ventilated. Each room has a large closet for trunks and clothing, and is furnished with bedstead, mattress, springs, dresser, washstand, study table, chairs, rockers and window shades. Students furnish their own towels, bed linen, pillows, bed covers, and whatever they wish in the way of curtains, rugs and pictures. Baths with hot and cold water are on each floor. The young women have the use of the laundry. A small fee is charged to cover cost of gas and material used in laundry. The greatest precaution is taken to preserve sanitary conditions. The young ladies take care of their own rooms, but the janitor cares for the halls and looks after the general condition of the building.

The regulations are simple and reasonable, just such as should prevail in any good and well regulated home. Our young women have gladly and cheerfully conformed to these because they have recognized that all our plans are for their best interests.

Rooms should be engaged in advance. Two dollars must be sent if the student wishes to reserve a room before entering school. This will apply on the room rental.

In the young men's hall most of the rooms are in suites. The rules for furnishing are the same as for the young ladies. The hall is conducted as a private home, and is a good home for young men. It is in charge of a resident member of the faculty.

Tuition

The tuition rate is kept low to encourage the attendance of every young man, and every young woman who desires to make the most of life and its opportunities.

	Per term of twelve weeks
College	\$27.50
Academy and Normal	18.50
School of Commerce	27.50
Shorthand and Typewriting	27.50
Commercial, Shorthand, Typewriting and other Combined Courses	30.00
Typewriting Course alone	12.50
Enrollment, Athletic and Library Fees	3.50

Light and heat, fall and spring terms 50 cents per week, per student. Where one student occupies a room alone 75 cents. Winter term, 75 cents per student; when one student occupies a room alone, \$1.25.

Lecture course is charged to all regular students; also, subscription to the college paper, "The Ellsworth Student," at \$1.25 per year.

Students carrying as many as nine hours in the college, academy, or normal departments will be charged full tuition. Students carrying fewer hours will be charged at the rate of \$3.00 per hour in the college, or \$2.00 in the academy, or normal departments.

\$3.00 in the college and \$2.00 in the academy and normal departments extra is charged for each unit hour taken above that prescribed in the regular course. The regular course in the college consists of 16 unit hours, in the academy 18 unit hours, in the normal 20 unit hours, and in commerce 20 unit hours.

Laboratory Fees

Physics 1 A	\$3.00
Physics 1 II III C.	4.00
Chemistry I C	5.00
Chemistry II III C	6.00
General Biology	3.00
Zoology II III IV V	3.00

Detach, fill out, and mail to College promptly.

Application for Reservation of Room

In order to secure one of the best rooms and enable the management to make definite and proper preparation in advance for receiving students in large numbers, I am enclosing Two Dollars (\$2.00) for reservation of a room. It is understood that this will apply on the rental.

Name

Post Office State.....

Name of Parents or Guardian.....

Address State.....

What Course of Study.....

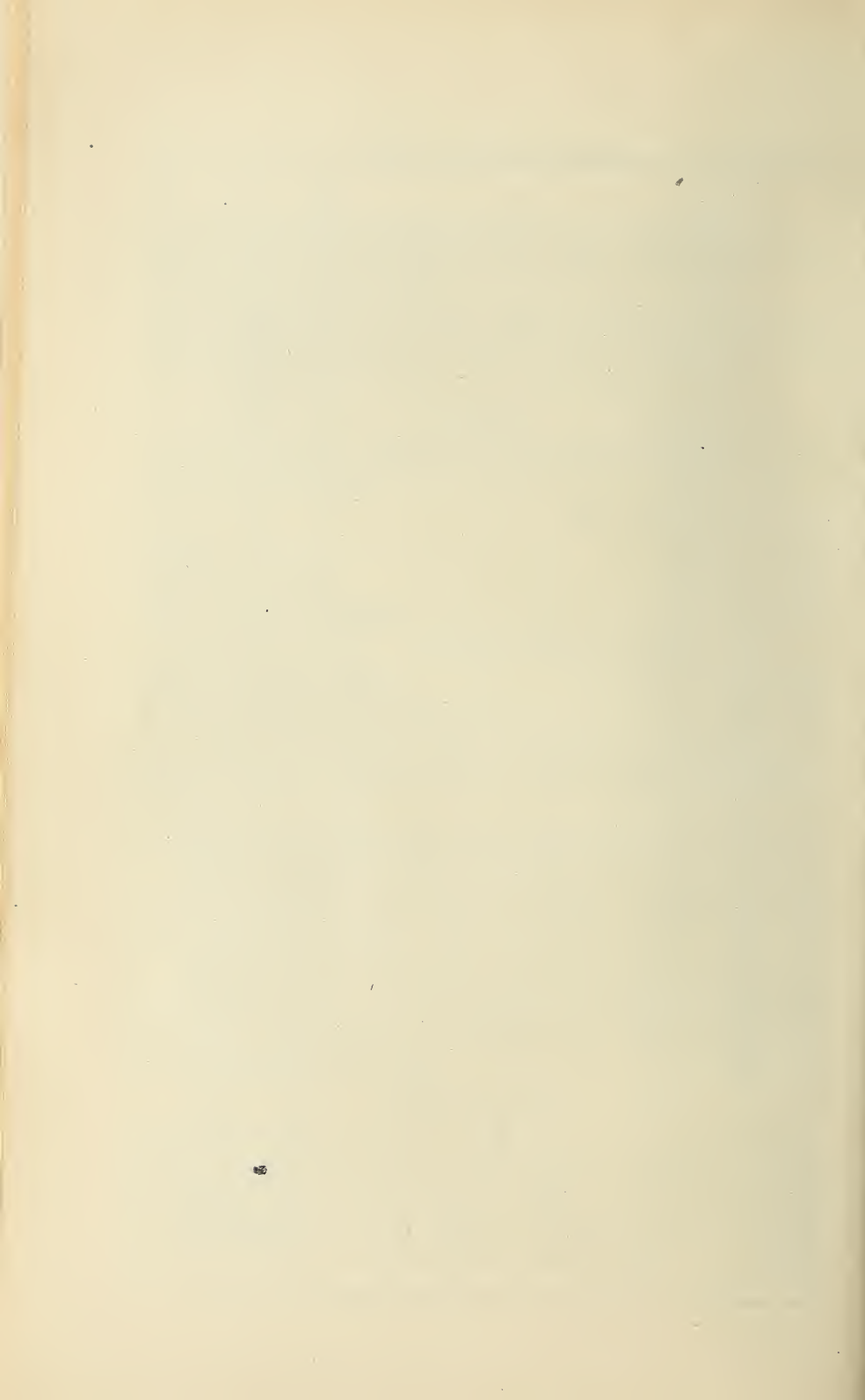
GENERAL INFORMATION

You should plan to come Monday, September 13. When you arrive, take the bus and come directly to the college, unless you get here late at night. In that case go to Hotel Woods and come to the college in the morning. All trains are met promptly by bus and transfer men.

Remember that students provide bedding above mattress, pillows, towelings, etc. Read the catalog again in regard to this.

Send your high school or other standings properly signed so that your classification may be as complete as possible on the day of registration.

Detach this page, fill out properly, mail promptly. Be sure to enclose your statement of credits and \$2.00 for reservation of room.



Botany I	3.00
Plant Ecology II	2.50
Plant Physiology III	3.00
Elementary Botany	2.00
General Agriculture	3.00
Bacteriology	3.00
Domestic Science I II III IV	5.00
Domestic Science A	4.00
Sewing C.	2.00
Sewing A	2.00
Manual Training A. or C	5.00
Agricultural (Normal)	2.00

A deposit of \$2.00 is required of each student for each laboratory course. At the end of the course deductions will be made for breakage, and the remainder will be returned.

In manual training each student must pay the cost of the lumber used in his course, in making all large pieces which are to be the property of the student.

Music Tuition

The following rates refer to one or two lessons per week for a term of twelve weeks:

	One	Two
Piano or Voice with Mr. Bullock		
Private half-hour lessons	\$15.00	\$30.00
Class Lessons	11.25	22.50
Piano with Mrs. Bullock		
Private half-hour lessons	15.00	30.00
Class Lessons	11.25	22.50
Piano with Mr. Thalman		
Private half-hour lessons	12.00	24.00
Class Lessons	9.00	18.00
Violin		
Private half-hour lessons	15.00	30.00
Class Lessons	11.25	22.50
Harmony		7.00
Ear Training		7.00
History of Music		7.00
Notation and Terminology		7.00
Materials and Methods		7.00
Choral Conducting		7.00
Practice Teaching		7.00
Sight Reading		3.50
Dictation		3.50

Melody Writing	3.50
Dictation	3.50

Pianos are rented for practice purposes:

One hour per day per term	\$2.75
Two hours per day per term	5.25
Three hours per day per term	7.75
Four hours per day per term	10.25

Class lessons in Piano, Voice or Violin, consist of one-hour periods with three students in a class, each student receiving twenty minutes of individual instruction.

Tuition for private instruction in Oratory, Expression, and Public Speaking:

One private lesson per week, for 12 weeks	\$10.00
Two private lessons per week, for 12 weeks	18.00
Single private lesson, (one-half hour)	1.00

Diplomas and Certificate Fees

Academy, Normal, Conservatory of Music and School of Commerce. Imitation parchment	\$3.00
Genuine parchment	5.00
Diploma fee for A. B., Ph. B., B. S., B. Di.	5.00
Diploma fee for A. M.	10.00
State certificate fee	2.00

General Remarks on Expenses

Tuition will not be refunded, but in case of protracted illness of the student, or for other valid reasons, an extension certificate, good at any time, will be issued.

No deduction in tuition will be made if student misses the first two or last two weeks of a term.

No extension of tuition certificate will be made for less time than three continuous weeks of absence, and not then except in case of protracted sickness, or for other valid reasons.

No student will be admitted to classes until satisfactory arrangements are completed.

The tuition rate by the month will be 20 per cent. more than by the term.

THE COLLEGE

Requirements for Admission

Students are admitted to unconditional standing as Freshmen in Ellsworth College on presentation of satisfactory evidence that they have completed fifteen units of high school work. This evidence may be furnished in any one of the three following ways: (1) by completing the work in Ellsworth Academy; (2) by presenting an official certificate from any accredited high school or academy; (3) by examination.

All who desire admission to Freshman standing by certificate should write to Ellsworth College for copies of the official college entrance blanks which have been adopted by the North Central Association of Colleges and Secondary Schools. These blanks, when received, should at once be filled out and signed by the Superintendent or the Principal of the school where the work was completed, and then be returned to Ellsworth College. If these conditions are complied with, in advance, it will greatly facilitate admission to the Freshman class.

Of the fifteen units for Freshman standing the following are required:

English	3 units
Algebra	1 unit
Plane Geometry	1 unit
History	1 unit
Science	1 unit

The remaining eight units may be chosen from English, History, Science, Mathematics, Agriculture, Pedagogy, Home Economics, Drawing, Foreign Language, Commercial Subjects, Music, Civics, Public Speaking, Economics, and Manual Training.

A unit is defined as a single study pursued for one year in a secondary school with five recitations a week or the equivalent. A double laboratory period of work counts the same as a single recitation.

Any applicant who presents but fourteen entrance units, is conditionally entered as a Freshman, but all such conditions must be removed by the close of the year. These deficiencies can be made up in Ellsworth Academy.

College credit may be granted for certain work done in Accredited Secondary Schools, if the work so offered is in addition to sixteen entrance units, which are acceptable according to the definitions of such units.

If admission is sought by examination the applicant should write to the President or the Registrar of Ellsworth College for full information.

Advanced College Standing

All who seek advanced standing in Ellsworth College on account of work done in other colleges should send an official record of their college entrance credits, and also of the college work for which they seek advanced credit, and a letter of honorable dismissal from the college where last enrolled. It is desirable that a catalog of that college be also sent.

Graduation Requirements

1. One hundred and twenty semester hours of work or one hundred and eighty term hours are required for graduation. This would mean that the student must carry at least an average of fifteen recitation hours per week throughout the entire course.

2. According to the grouping system, which is explained on another page, a student must have one major of twenty-seven hours from one of the various groups. The major of twenty-seven hours must be supported by forty-five additional hours of work from the same group of studies from which the major is chosen. To illustrate: If the major is English, there must be an additional forty-five hours of work chosen from French, German, Greek, Latin, Rhetoric, and Public Speaking, or from this entire group of studies. This plan has been found to be valuable in leading to a thorough grasp of the leading subjects that a student may choose for his course.

3. Students who are completing a four-year course, and wish to obtain a first-grade, five-year state certificate in Iowa without examination upon graduation, must have completed twenty-one term hours of work in the Department of Education, and nine term hours in General Psychology.

4. Every college student is required to complete a course in Rhetoric, three hours per week throughout the year. Students majoring in English must also take the advanced course in composition.

5. Every student is required to choose his major subject before completion of his Sophomore year. After naming his major subject, he must confer with the Professor under whom the subject is taken for the selection of the forty-five additional hours of work required for supporting the major subject. These subjects may be changed from time to time after conference and agreement with the Professor under whom the major work is taken.

6. Any student who graduates from college, whose average is ninety-five, (A), shall be given the honor "Magna Cum Laude." Any student whose average is ninety, (A), shall be given the honor "Cum Laude."

Vocational and Professional Preparation

Ellsworth College makes liberal provisions for Vocational and Professional preparation in the various fields.

In addition to the above this institution gives a very large choice of training for all kinds of business life. References to other pages of this catalogue, to the departments of Business, Administration, Banking, and Accountancy, Economics, and Social Science, Expression and Public Speaking, Spanish, French and German, History and the special courses of business training, as well as other allied departments will make it clear that there are very few, if any institutions that give better or more liberal training for the various business positions.

Then, again, in the department of Education, a most liberal provision is made for the training of teachers, in the two-year courses for which the student receives the B. Di. degree and five-year-state certificate without examination; and, also, there is provision for those who complete the four-year course for the A. B., or Sc. B., to take the required work in Education and Psychology; so that they may receive the five-year first grade state certificate without examination. In other words, students will have the same recognition in these respects, as they can receive in any college or university.

Then, as stated on another page in this catalogue, full provision is made for college preparation for entering Law Schools, Medical Schools, and other professional schools, for two or four years of college training is required according to the state in which one expects to take his work in these various professions. Most of the western states require two years, and many of the eastern will require four years. Ellsworth College has arrangements which will enable young men and women to complete the exact and necessary requirements for the particular school the student expects to attend.

Group System

The adoption of the group system will assist students in selecting and correlating their courses of study. Each group has 180 hours of work or the required amount for graduation from the college.

Plan of Grouping

A student must complete a Major and four Minors.

1. A major is not less than 27 hours in one department.
2. A minor is not less than 18 hours in one department.
3. At least one of the five (major or four minors), must be in each of the following groups:

I. English, French, German, Spanish, Latin, Rhetoric and Public Speaking.

II. Animal Biology, Astronomy, Botany, Chemistry, Geology and Mineralogy, Physics.

III. Economics and Political Science, History, Mathematics, Philosophy and Psychology, Sociology and Anthropology, Education, Business, Home Economics, Accounting, Music.

Each student shall choose his major subject before the end of his sophomore year, and report the same to the committee on registration, classification, and schedule, to be made a matter of permanent record.

The student shall choose under the direction of the department in which his major lies, a sufficient amount of work to make with his major a total of 72 term hour credits in that group, the additional subjects being such as to reinforce the major.

Representative Groups

The groups on the following pages are only suggestive. Other groups may be planned in harmony with the above rules under the direction of the head of the department in which the major is taken.

COLLEGE COURSE IN OUTLINE

I English

Group		Term	Hours
I	English		27
	French or German		18
	Public Speaking		12
	English Literature		15
II	Biology		
	or		18
III	Chemistry		
	Philosophy		
	and		18
	Psychology		
	Minor Elective History		18
	Sociology		6
	Free Electives		48
Total			180

II History

Group		Term	Hours
III	History		27
	Philos'y and Psychol'y		18
	Education		18
	Economics or Sociology		9
II	Biology		
	or		18
I	Chemistry		
	Foreign Language		18
	English		18
	Electives		54
Total			180

III Political Science

Group	Economics and Political Science	27
	History	18
	Philosophy and Psychology	18
	Mathematics or Sociology	9
II	Biology or Chemistry	18
	French or Spanish	18
I	or	
	English	18
	Free Electives	54
Total		180

IV Latin

Group	Latin	27
I	English	18
	French or German	18
	Public Speaking	9
II	Botany	
	or	
III	Physics	18
	Philosophy	
	and	18
	Psychology	
	Free Electives	60
	History or Mathematics	12
Total		180

V Modern Language

Group	French or German	27
	Latin	18
	English	18
	Spanish	9
II	Biology	18
	Philosophy	
III	and	
	Psychology	18
	Free Electives	60
	Mathematics	12
Total		180

VI Mathematics

Group	Mathematics	27
III	History	18
	Philos'y and Psychol'y	18
	Economics or Education	9
	English	18
I	Physics	
	or	18
II	Chemistry	
	Electives	54
	Latin or French	18
Total		180

VII Physical Science

Group	Physics	27
II	Chemistry	18
	Biology	18
	Geology	9
I	English	18
	Mathematics	18
III	or	
	History	18
	Free Electives	67
	Astronomy	5
Total		180

VIII Biology

Group	Animal Biology	27
II	Botany	18
	Chemistry	18
	Geology	9
I	English	
	or	18
	Latin	
	History or Economics	18
III	Philosophy and	
	Psychology	18
	Electives	54
Total		180

IX Philosophy and Psychology

Group	Philosophy and	
	Psychology	27
	History	18
III	Economics or Ed-	
	ucation	18
	Sociology or Mathe-	
	Matics	9
I	English	18
	Biology	
II	or	18
	Chemistry	
	Minor Elective, Foreign	
	Language	18
Total		180

X Botany

Group	Botany	27
II	Animal Biology	18
	Chemistry	21
	Geology	6
I	Foreign Language	18
	Philosophy or	
III	Education	18
	English	12
	Electives	60
Total		180
Elective		54

XI Chemistry

Group	Chemistry	27
II	Physics	18
	Biology	18
	Geology	9
I	English	18
	Mathematics	18
III	History	12
	Electives	60
Total		180

XII Education

Group	Education	27
III	Economics	18
	History	18
	Mathematics	9
II	Biology	
	or	18
	Chemistry	
I	English	18
	Free Electives	54
	Elective Minor, Foreign	
	Languages	18
Total		180

XIII Home Economics

Group	Domestic Science	27
III	Domestic Art	18
	Education	18
	Sociology	9
II	Chemistry	18
I	English	18
	Free Electives	72
Total		180

XIV Business

Group	Business	27
III	Commerce	18
	Economics	9
	Psychol'y and Philos'y	18
II	Biology	18
	or	
	Chemistry	18
I	English	18
	Electives	72
Total		180

XV Music

Group	Theory and History of	
III	Music	30
	Practical Music	18
	General Psychology	9
	Philosophy	9
	Education	6
II	Science	18
I	Modern Language	18
	Free Electives	72
Total		180

XVI Music

Group	Theory and History of	
III	Music	30
	Practical Music	18
	Education	18
	Psychology	6
II	Biology	18
I	Modern Language	18
	English Literature and	
	Rhetoric	18
	Free Electives	54
Total		180

Four-Year College Business Courses

These courses are provided for high school and academic graduates who wish to make preparation for superior business positions. The same standards of admission are required as in other liberal arts courses. And for the regular four-year degree courses the group system is followed. Other groups may be made to meet special requirements. The following are suggestive of the plan, but may be modified:

MAJOR IN GROUP III			A. B. or PH. B. DEGREE		
I			II		
	Economics and Political	Term Hours		Business	Term Hours
Group III	Science	27	Group III	Economics	18
	Psychology or Philos'y	9		Sociology	4
	History	12		Taxation and Finance	3
	Accountancy	18		Money and Banking	2
	Education	6		Psychology and Phil.	18
II	Chemistry		II	Biology or Physics	18
	or	18		or	18
	Biology			Chemistry	
I	Public Speaking, or		I	German, or English or	
	Dramatics and	18		Public Speaking and	
	Debating			Dramatics	18
	Minor in English	18		Rhetoric	9
	Free Electives	54		Free Electives	63
Total		180	Total		180

Combined Liberal Arts and Nurses' Training Courses.

Four Plans—A Cooperative Arrangement Between the State University of Iowa and Ellsworth College.

Those who are interested should write for full statement of the plan. Only a brief outline suggestion of the plan is presented here.

Plan I: For the Student Entering the University as a Junior.

Plan II: For the Student Entering the University on the Basis of Three Years of Advanced Standing.

This plan arranges for a student to receive the degree Bachelor of Arts or the degree Bachelor of Science and, also, the certificate Graduate Nurse in the course of five years including the hospital practice of two years. In other words a student accomplishes all of this in five years.

Plan II: For the Student Entering the School of Nursing on the Basis of Two Years of College Credit.

Plan IV: For the Student Entering the School of Nursing on the Basis of the Bachelor's Degree.

(Note): Ask for complete outline of these plans.

Special College Business Courses

Realizing the present day demand for thoroughly trained, competent business men, a large number of courses have been arranged from which students may choose major work in business education of college grade. Work may be arranged for one, two, or four-year courses. The admission requirements are the same as for any other department of the college of liberal arts. Any high school graduate who completes one of these courses will be fully equipped for such commercial positions as his course is outlined for. Colleges have been criticized in many instances because their students have not been trained for the great field of business life and activity. For a number of years Ellsworth College has been offering these liberal college business training courses so that students coming to us from the high schools of the country may not only elect to prepare for teaching, the ministry, and other learned professions, but may also, with equal thoroughness and breadth of preparation, prepare to enter the almost limitless kinds of positions in the great business world. In other words, those wishing to prepare for business may elect to do their major work in the business subjects just as a student preparing to teach Latin, science, or to enter medical or law school may do his major work in these fields.

Special College Courses for Teachers

For those who find it impracticable to complete the regular four-year college course before they begin to teach, a number of two-year courses have been arranged. These are outlined in this catalog in the School of Education. Upon the completion of any of these courses, the student will be eligible for the degree B. Di. and state certificate without examination.

COLLEGE COURSES OF INSTRUCTION BIOLOGICAL SCIENCES

Professor Jones

The Ellsworth College laboratories are fully equipped for carrying out the courses offered—the apparatus and materials used being of the same type used in the better State schools of the middle west. The head of the department will be pleased to furnish prospective students with any information desired regarding enrollment in any of the following subjects.

Knowledge of drawing is not a prerequisite to any of the courses herein offered. Instruction in semi-diagrammatic perspective drawing is given with each of the introductory courses, by means of which far greater speed in representation is acquired, than is possible where normal drawing is employed.

Zoology

Course I—General Zoology. Open to Freshmen. Lectures, recitations, laboratory and field trips.

(a) Fresh Water Biology (b) Higher Forms of Animal Life.
(c) Bird study. An introduction to the study of animal life with some mention of associated plant forms. Scientific methods in observation and in the recording of facts will be emphasized. The student will come to recognize the forms studied and to understand their life histories and their behavior in much the same manner as on meets and understands people in every day life.

Each term

Five hours

Course II—Advanced Zoology. Open to all who have had Course I or its equivalent. Lectures, recitations and laboratory.

(a) Invertebrate Morphology.

(b) and (c) Continuation of Invertebrate and a study of Vertebrate Morphology. A careful, systematic study of typical forms is pursued by means of the laboratory method. Lectures on the fundamental principles involved in the rise of the animal kingdom and the economic importance of allied forms, supplement the work throughout the course. Required of all who intend to do advanced work in zoology or the professions. A broad treatment of the comparative anatomy and organology of mammals completes the work.

Each term

Three hours

Course III—History and Microtechnique. Open to Juniors or to those who have taken course II or its equivalent. Lectures, recitations, library and laboratory.

(a), (b) and (c) A study of special histological methods in the preparation of animal tissues for microscopic demonstration and study. A knowledge of the cell structure of the various organ tissues of the body, in health and disease, will be acquired by means of practical laboratory work. Methods of fixation and staining for the more difficult cellular structure will receive attention.

Each term

Three hours

Course IV—Vertebrate Embryology. Open to Juniors or to those who have taken course II or its equivalent. Lectures, recitations, library and laboratory.

(a), (b) and (c). As an introduction, the development of forms of the invertebrate egg will be taken up, supplemented by a careful study of the typical cell—its finer histology and methods of division. General processes of metabolism are studied, as well as general and special vertebrate embryology as demonstrated in the development of the germ layers in higher forms.

Each term

Three hours

Note—Course IV may be taken in place of Course III as a junior elective, or as a senior subject.

Course IV will not be given the same year with Course III, but will alternate.

Course V—Biological Problems. Open to advanced students in zoology on consultation, and required of all students majoring in animal biology.

(a), (b) and (c) Lectures, recitations and original investigation.

Each term

Two hours

Botany

Course I—Morphology of the Algae and Fungi. Open to Freshmen. Lectures, recitations and laboratory.

(a) A systematic knowledge of the evolution of the plant kingdom is acquired through a study of typical forms. The student is taken into a world of plant life, revealed by means of the compound microscope, by the aid of which the pools of stagnant water and scum of ponds come forth in the beauty of a world unknown to those who have not had the opportunity to pursue a course of this nature.

(b) **Bryophytes and Pteridophytes.** (c) **Spermatophytes.** Field observation and special trips make up part of the work.

Each term

Three hours

Course II—Plant Ecology. Open to those who have had Course I or a strong elementary course in General Botany. Also to advanced students by special arrangement. Lecture and recitation periods, field trips and laboratory.

(a) and (b) A study of the relation of plants to their environment; their reaction to the factors heat, water, light, soils, and air,

the essentials of the deeper life of plants and their anatomical structures as modified by environment.

Each term

Two hours

Course III—Plant Physiology. Prerequisite as in Course II. Lectures, recitations and laboratory.

(c) The life process of plants, taking up the study of nutrition and growth, irritability and movements, functions of parts and organs, and plant reproduction.

One term

Two hours

Physiology

Course I—Advanced Human Physiology. Open to all who have had an elementary course in Physiology of good grade and who have some knowledge of Chemistry, or are now taking such a course.

(a) and (b) A thorough course in advanced human physiology, in which special attention is given to the important body processes and their conservation, with the exception of the nervous system, Lectures and recitations.

(c) A study of the nervous system and its conservation. (a) and (b) prerequisite.

Each term

Three hours

Agriculture

Course I—General Agriculture. Open to all College students. Lectures, recitations and laboratory.

A course in general agriculture designed for college students who wish to prepare themselves for teaching; also for those who desire a general knowledge of the subject.

Each term

Two hours

Bible and Religion

President Meyer, and Professor Shumway.

To give the student a truer and broader appreciation of the fundamental importance of the literature in the history of the Bible and the general basic principles of religion, is regarded as of prime importance in any scheme of liberal education and culture. These courses are

of study of the Bible as literature is required. Religion is then viewed from a standpoint of psychology, but before this course is given students are required to take a full year of general psychology. It is believed that the courses here presented will commend themselves to all who are able to properly estimate the value of such training.

Course I—The Religions of the World. Open to Freshmen.

Two one-hour lectures or recitations each week, two terms.

A genetic and historical study of the leading religious faiths of mankind, with special emphasis upon their adequacy as world religions when compared with Christianity.

Each term

Two hours

Course II—Old Testament History. Patriarchs and "Judges." Open to college students and others prepared for the course.

Three one-hour lectures or recitations each week, two terms.

The work will include a critical study of the Old Testament, history and biology up to the period of Saul and David; origin and significance of the various books; the development of religion and especially of Monotheism; special attention is given to the geography of the Holy Land, and to the testimony of the monuments and of Archeology to the historic truth of the Old Testament record. Kings and Prophets. The period covered is that from the time of Saul and David to the return from the captivity, with some reference to the period between the Testaments. Text books, recitations, reports, library reference work and lectures.

Each term

Three hours

Course III—History of Judaism. Prerequisite: Course II or equivalent.

Three one-hour recitations or lectures each week third quarter.

This is a continuation of Course 2 and deals with the history and literature of exilic and post-exilic Judaism, 586-4 B. C., with special emphasis upon the origin and development of such parties and thought movements as influenced the people with whom Jesus had to deal.

One term

Three hours

Course IV—Introduction to the New Testament. Open to Sophomores.

Two one-hour lectures or recitations each week, two terms.

A study of the distinctive characteristics of the New Testament books. The Synoptic Problem and the Johannine Problem will be considered. An attempt will be made to discover the point of view and the purpose of the principal New Testament writers, and a study will be made of the formation of the New Testament canon.

Each term

Two hours

Course V—Life of Christ. Open to Sophomores.

Two one-hour recitations or lectures each week, third quarter.

As far as possible the biographical outline will be followed, but stress will be laid upon the fundamental problems and questions incident to the life.

One term

Two hours

Course VI—The Bible as Literature. Open to Sophomores.

Two one-hour recitations or lectures thruout two terms. For full description of this course see department of English Language and Literature, Course XIV.

Each term

Two hours

Course VII—Psychology of Religion. Open to Juniors.

Two one-hour recitations or lectures each week thru one term. For description of this course see department of Psychology and Philosophy, Course II.

One term

Two hours

Business Administration, Banking, Advertising, Marketing, Accounting and Salesmanship

Professor Magee

Course I—Principles of Accounting. Open to Freshmen.

Three one-hour recitations or lectures each week thruout the year.

Fundamental accounting principles applied to the journal, sales book, and purchase book. Partnership accounts. Merchandise accounts as to purchases, sales, and trading accounts, revenue accounts and statements, different forms of balance sheets, treatment of good-will reserve funds, and depreciation, introduction to corporation accounting, opening corporation books, basis of capitalization, bonds and funds, profits and dividends, and the corporation tax, voucher systems and designing accounting systems. This course is a general introduction to the subject.

There is a thorough drill in the science of accounts. The students are referred to various textbooks and this is supplemented by lectures by the professor in charge. The basis of the course will be the solution of the various state examinations in the Theory of Accounts for the degree of C. P. A. This work will be professional in character

and will prepare the student to take the C. P. A. examination in any state where the degree is granted.

Each term

Three hours

Course II—Auditing and Practical Accounting... Open to Sophomores.

Three one-hour recitations or lectures thruout the year.

General principles of auditing, duties and qualifications of the auditor, plan of audit. How to audit a cash account, voucher, petty cash branch stores, pay rolls, sales, purchases, trial balances, merchandise account, and treatment of depreciation and reserves. Like the Theory of Accounts, the work will be professional in character, and reference will be made to the various state C. P. A. examinations in audit the following kinds of business: A manufacturing concern, a bank, an insurance company, a railroad, and municipality. This course will consist of the solution of the various state examinations in practical accounting for the C. P. A. The work will cover the entire field of practical accounting. Special stress will be placed upon the form of statement and analysis of each proposition. Representative problems will be solved and the reasons fully given. As this is the most difficult part of higher accounting, special care will be taken to ground the student in fundamentals in professional accountancy.

Each term

Three hours

Course III—Salesmanship. Open to Freshmen.

Two one-hour recitations or lectures each week thruout two terms.

Analysis of salesmanship, essential qualities of salesman, reading the buyer, the pre-approach, getting an interview, the approach, the demonstration, overcoming objections, closing the sale. The study of the customer, the study of the goods, and the study of the competitor, as well as methods of developing personality in the salesman, will receive special attention. Some attention will be given to retail selling and store management. The course will be made as practical as possible.

Each term

Two hours

Course IV—Organization and Business Management. Open to Freshmen.

Three one-hour recitations each week one term.

Location of industries. Effect of labor supply on location of industries, effect of the division of labor upon factory location, relative advantage of city and small town locations; influence of power on the location of industry, preparations of general plans for industrial plants planning and the construction of the plant, principles of factory organ-

ization, departmental organization, handling of materials, systems of wage payment, financing the business. Some attention will be given to the organization of the credit department and collection laws.

One term

Three hours

THE FOLLOWING COURSES TO BE GIVEN IN ALTERNATE YEARS:

Course V—Commercial Geography. Open to Freshmen.

Two one-hour recitations or lectures thruout the year.

After a survey of the development and status of foreign industries, natural resources, and the expansion of commerce, a special study is made of the principal articles which enter into American commerce. Resources, industries, and the trade currents are treated.

Each term

Two hours

Course VI—Commercial Law. Open to Freshmen.

Five one-hour recitations or lectures one term.

An outline of the main principles of law of contracts; agency, bailments, including the obligation of common carriers and telegraph companies, bankruptcy and insolvency; insurance; negotiable instruments; partnership, joint-stock companies and corporations; the acquisition and transfer of property, and sales of personal property; real property.

One term

Five hours

Course VII—Transportation. Steam Railways. Open to Freshmen

Two one-hour recitations or lectures thruout two terms.

The railway problem of the United States, including theories of rates, combination and pooling, consolidation, community of ownership and government ownership or control, involving a careful consideration of the work of the Interstate Commerce Commissions and of the State Commissions.

A comparative study of the railway systems of other countries, especially England, Germany, France, Canada and the Australian Commonwealth, with a consideration of the economic significance of the world's great railway systems.

Transportation and Communication other than by Steam Railways. Lake, river and canal transportation in the United States and other countries. Ocean transportation with special reference to its relation to the transportation systems of various countries.

Interurban railways and their growing competitive power, telegraphs, telephones and cables.

Each term

Two hours

Course VIII—Psychology of Advertising. Open to Freshmen.

Two one-hour recitations or lectures one term.

An introduction to the laws of human behavior as affected by advertising forces. Reasons for lost motion in advertising. The testing of appeals by statistical methods. Instincts, memory, association of ideas, suggestion, habit, etc., that underlie the effective appeals on responses in human behavior.

One term

Two hours

ELECTIVE COURSES.**Course IX—Banking Problems.** Open to Juniors.

Two one-hour recitations or lectures one term.

Outline of the work of commercial, savings, and financial banks and trust companies. The nature of the investments of the different institutions. The banks of England, France and Germany. The national reserve system and its functions. The nature of the demand for credit and currency. Given in alternate years.

One term

Two hours

Course X—International Banking. Open to Juniors.

Two one-hour recitations or lectures one term.

The document used in foreign exchange. Commercial and traveler's credits. Currency movements and their causes. Parity sheets and the method of computation of parities. Description of methods used by the international banking houses of New York, London, Berlin and Paris.

One term

Two hours

Course XI—Thesis. Open to Seniors.

Two one-hour recitations or lectures thru two terms.

Each student taking the business course is required to prepare a thesis on subject approved by the business faculty. Students are expected to select a subject pertaining to the field which they have in view. It is desirable that the subject chosen be connected with some line of activity that will require first hand investigations. One hour per week will be given to consultation with that member of the business faculty in whose field the subject lies.

Each term

Two hours

Course XII—Business Efficiency.

Three one-hour recitations or lectures one term.

This is a study of the principles of business efficiency and their application to any business. Some attention will be given to personal efficiency also.

One term

Three hours

Course XIII—Marketing of Products.

Two one-hour recitations or lectures one term.

Organization and methods of marketing; the functions of middlemen; the costs of marketing various products; co-operative marketing; domestic merchandising methods of manufacturers. Problems of wholesalers and commission men; distributing system and market organization; price policies.

One term

Two hours

Course XIV—Investment Finance.

Three one-hour recitations or lectures one term.

This course includes the mechanism, types and tests of investment; public and private securities; investment markets; government and municipal bonds, mortgages, corporation securities; financial news and sources of information; speculation, selling securities on the exchange.

One term

Three hours

Course XV—Statistics.

Three one-hour recitations or lectures one term.

This course deals with the principles of collection, tabulation and interpretation of statistical material illustrated by present day statistical data. The purpose of the course is to put into the hands of the business man definite facts for his guidance.

One term

Three hours

Course XVI—International Politics.

Three one-hour recitations or lectures one term.

This course includes a systematic study of the political and commercial interests of the United States in the Caribbean; various interpretations of the Monroe Doctrine and its relation to Latin America. There will be a brief survey of the political and industrial development of the Far East with special reference to China and Japan and the political and commercial interests of United States in the Far East. The purpose of this course is to familiarize the student with the various interests growing out of these two areas of international friction.

One term

Three hours

Course XVII—Business Ethics.

Two one-hour recitations or lectures one term.

This course deals with problems arising between competitors, seller and buyer, employer and employee. Attempts will be made to formulate standards of business conduct and ideals of business ethics.

One term

Two hours

Course XVIII—History of Commerce.

Two one-hour recitations or lectures one term.

This course covers the history of commerce from the earliest periods to present day. Special attention will be given to the history of domestic and foreign commerce of the United States. To understand the significance of present events and to gain a partial perspective in contemplating commercial changes, it is necessary to see them against an historical background.

One term

Two hours

Chemistry

Professor Reynolds

Course I—Inorganic Chemistry. Open to all Freshmen.

Three one-hour lectures and two two-hour laboratory periods each week thru the year.

This course is a general course in Chemistry, the aim being to familiarize the student with the fundamental principles and theories of the science of Chemistry. The common elements and their most important compounds receive careful attention. The course is designed to form the basis for advanced special work in Chemistry, as well as to furnish the necessary preparation for teaching the science in secondary schools and elsewhere. Attention is given to the historical development of the science from its earliest beginnings.

Each term

Five hours

Course II—Analytic Chemistry. Open to all students who have completed Course I or its equivalent.

One one-hour lecture and two three-hour laboratory periods each week thru the year.

This course is a combination of Qualitative and Quantitative Analysis the first term and one-half being devoted to Qualitative Analysis, and the latter half year to Quantitative Analysis.

The course in Qualitative Analysis consists chiefly of the approved processes of separating and identifying both metallic and non-metallic ions from unknown mixed solutions. The laboratory work is supplemented by a careful review of the useful principles and theories of Inorganic Chemistry.

The course in Quantitative analysis includes careful investigation and practice of the standard gravimetric and volumetric methods of analysis, in connection with a detailed study of several commercial

products. Theories, principles and laws are thus definitely related to practice.

Each term

Three hours

Course III—Organic Chemistry. Open to all students who have completed Course I or its equivalent.

One one-hour lecture and two two-hour laboratory periods each week thru the year.

The purpose of this course is to give a general knowledge of some of the simpler organic compounds and processes. It includes a study of such classes of substances as the hydrocarbons, alcohols, ethers, aldehydes, fattyacids, carbohydrates, alkaloids, aromatic compounds, etc.

Each term

Three hours

Course IV—Physical Chemistry. Open to all students who have completed Course I and Course III.

Two one-hour lecture periods each week thru the year.

This course is well adapted to the needs of medical students. The work is chiefly lectures, recitations, and assigned readings.

Each term

Two hours

Dramatic Art, Expression and Public Speaking

The dramatic courses aim to develop a true appreciation of literary values in connection with oral and dramatic interpretation of masterpieces of literary art. They are desirable for those who expect to teach literature or are interested in dramatic art.

The methods of instruction in expression and public speaking differ fundamentally from those usually employed in teaching oratory. We seek to awaken in the student, whether he aims to be a creative thinker or interpreter, a realization of his own powers, and to give such direction to his training that he may attain them.

The production of every great master possesses an individuality distinct from that of any other. The purpose is to develop natural speakers, not artificial ones. The orator is educated, not by fashioning him after a certain model, or by making him a slave to arbitrary rules, but by quickening and developing the intellectual facilities cultivating the imagination, deepening and guiding the feelings, disciplining all the agents of expression, making the will sovereign, and thus leaving him free to express his thoughts, convictions, and emotions in accordance with his own temperament.

The courses in public speaking are made intensely practical. This aim, however, does not conflict with the disciplinary and cultural ideals of education. To get the best results, courses should be taken in proper sequence. Students who wish to acquire exceptional proficiency in expressive reading and public speaking should begin class-work early in their college course.

Course I—Interpretation. Open to Freshmen.

Two hours each week thru the year.

Masterpieces of prose and poetry are studied and presented orally in readings and in memorized recitations. A thorough understanding and appreciation of the particular selection forms the basis of its interpretation. Clear and natural expression is sought. Declamations and public recitals required.

Each term

Two hours

Course II—Dramatic Art. Open to Freshmen.

Two hours each week thru the year.

Dramatic interpretation of character from monologs, dialogs and plays. Practical work on the stage. The purpose is to develop distinct, effective and natural characterization thru oral and dramatic expression. Public performance of plays.

Each term

Two hours

Course III—Argumentation and Debate. Open to Freshmen.

Two hours a week thru two terms.

Study and application of the principles of argumentation. Preparation of briefs. Leading questions of the day debated in class. Criticism. The course is designed to develop readiness in extempore speaking and the ability to construct and present debates. It prepares students for practical life in the matter of ready and accurate discussions of practical questions. It especially prepares students who desire to enter inter-collegiate debates in the second term of the year.

Each term

Two hours

Course IV—Practical Public Speaking. Open to Freshmen.

This course will be given the third term of the year.

Studies in public speaking and delivery of short original speeches. Special study of various forms of public address from the masters. Topics are selected from history, literature, politics, current events, and personal experiences; and speeches are prepared for various occasions. Two orations required.

This course aims to give as much practise in self expression as possible and will be of special value to all, and especially to those who expect to enter the profession.

One term

Two hours

Course V—Orators and Oratory. Open to Sophomores.

Prerequisites courses III and IV or equivalent.

This course will continue thru one term two hours a week.

Study of the lives, work, and productions of representative orators with a view to discovering fundamental laws that govern effective speaking; and application of these laws to class and individual work.

Structure and qualities of a good discourse. Lectures on methods of public address and sources of power. Discussion and practical work will be made essential features of the course. Work on oration for state contest.

One term

Two hours

Course VI—Extempore Speaking.

This course will continue thru one term two hours a week.

The purpose of this course is to develop the power of sincere and effective public speaking. The fundamental principles of speech organization and delivery are studied according to the true extemporaneous methods. The assimilation of the essentials of effective speaking and the working out of these essentials into actual practice before the audience is the basis of the work. Each student is given the opportunity to appear in an original speech before his fellow students at least once every two weeks.

One term

Two hours

Course VII—Special individual and private lessons in expression for six hours credit.

Economic and Social Science

Professor Schultz

Course I—Principles of Economics. Open to Sophomores.

Three one-hour lectures or recitations each week thru the year.

This course is designed, to give a general idea of the subject and at the same time, serve as a foundation for further work in the science. Present day economic problems will be studied with the use of text, supplemented by assigned reading and lectures.

Each term

Three hours

Course II—Money and Banking. Prerequisite: Economics I.

Two one-hour lectures or recitations each week thru two terms.

A study of the forms and laws of money. Special attention is directed to the subjects of credit and banking, the money market, and foreign exchange, together with late currency legislation.

Each term

Two hours

Course III—Public Finance and Taxation. Prerequisite: Economics I.

Two one-hour lectures or recitations each week thru one term.

This course deals mainly with the principles which underlie public expenditures, debts, taxation, and financial administration.

One term

Two hours

Course IV—Corporation Finance. Prerequisite: Economics I.

Two one-hour lectures or recitations each week thru one term.

A study of corporations and corporate management, together with the principles of corporation accountancy.

One term

Two hours

Course V—Labor Problems. Prerequisite: Economics I.

Three one-hour lectures or recitations each week thru one term.

Progress of the workers of America, conditions, wages, hours, methods of remuneration, plans for the betterment of factories and homes, influence of labor unions on wages, industry, and national life. Text discussions and reports.

One term

Three hours

Course VI—Economic History of the United States. Prerequisite: Economics I and a course in American History.

Three one-hour lectures or recitations each week thru two terms.

Beginning with a brief statement of the economic aspects of colonization, the course deals with the industrial causes and consequences of the Revolutionary and Civil Wars; the development of railroads, manufactures and foreign commerce, together with a study of some present-day crisis, the banking system, government control of railroads, labor organizations, problems, including the tariff, expansion of commerce financial organizations, and conservation.

Each term

Three hours

Course VII—Principles of Political Science. Prerequisite: History IV., or its equivalent.

Three one-hour lectures or recitations each week thru two terms.

This course includes an investigation and discussion of the fundamental principles underlying the various classes of government, placing special emphasis on the national governments of the United States, England, France, Germany and Switzerland. Text, discussion, and collateral reading.

Each term

Three hours

Course VIII—Municipal Government. Prerequisite: Economics VII and History IV.

Three one-hour lectures or recitations each week thru one term.

An investigation of the historical development of city government, and the characteristics which distinguish modern city populations, with special reference to the problems of modern American city life.

One term

Three hours

Course IX—Jurisprudence. Prerequisite: Economics VII.

Two one-hour lectures or recitations each week thru one term.

An exposition of jurisprudence as an organic whole, showing the nature of its subject matter, its relationship to cognate branches of study, the inter-relationship of its several parts to each other and their proper function and aim. Lectures and collateral reading.

One term

Two hours

Course X—International Law. Prerequisite: Economics VII.

Two one-hour lectures or recitations each week thru one term.

An investigation of the historical development and rise of the science of international law as evidenced by treaties, agreements, usage and the writings of publicists. Special attention is given to the relations of belligerents and neutrals. A standard text forms the basis of discussions and reports.

One term

Two hours

Course XI—Sociology. Prerequisite: Economics I and Psychology I.

Two one-hour lectures or recitations each week thru the year.

A study of special life and social institutions with the object of finding out their relation to social progress. The origin and growth of social institutions, the nature of society, the independence of the individual and society receive ample consideration. Conventionality, custom, public opinion, leadership, and innovation feature in the course. Text book, supplemented by lectures, collateral readings, and reports.

Each term

Two hours

Education

Professor Shumway.

The Department of Education has a two-fold purpose: First to present courses of general interest and cultural value to all students; and, second, to present courses of special value to those who are preparing to teach in grades and high schools, and to fill positions as principals and superintendents.

Ellsworth College is one of the accredited colleges of the state. The Department of Public Instruction requires thirty term hours of educational work for a five-year, first grade state certificate. General Psychology and History of Philosophy may be elected as a portion of the required educational work. Psychology and biology are very desirable in preparing for majors in education.

The present standard for a two-year normal course accredited for the third grade state certificate leading to the second grade state certificate follows:

Admission, fifteen secondary units. Two full years in the normal course, one-fourth of which shall be pedagogical subjects consisting of Psychology, principles and science of education, general and special methods, and history of education. The other three-fourths may consist of any work of college grade or any special teachers' course, to which only students of college grade are admitted.

Course I—History of Education. Open to Freshmen.

Three one-hour recitations each week thru two terms.

A study of the development of educational ideals and practices from primitive and barbarian education thru Jewish, Greek, Roman and early Christian civilization. The educational influence of the Renaissance and Reformation. The humanistic, realistic, naturalistic, scientific, psychological, and sociological phases of modern educational development, and the more prominent educational reformers.

Each term

Three hours

Course II—The High School. Open to Freshmen.

Three one hour recitations each week thru one term.

The historical development of secondary education in Europe and America. Application of educational principles to organization, curricula, and pupils. The practical problems of the high school, especially in Iowa.

One term

Three hours

Course III—General Psychology. Open to Sophomores.

Three one-hour recitations each week thru the year.

For the scope of this course, see the announcement of Course I. under the Department of Psychology and Philosophy. State Certificate course.

Each term

Three hours

Course IV—Principles of Education. Open to Sophomores.

Two one-hour recitations each week thru two terms.

The relation to education of biology, neurology, psychology, anthropology, and sociology. Representative topics: Instinct, heredity, habit, individual differences, imitation, suggestion, training of memory, imagination, emotions, senses, motor activities, will and moral nature, formal discipline, educational values, social education.

Each term

Two hours

Course V—History of Philosophy. Open to Juniors.

See the announcement of Course IV, department of Psychology and Philosophy. State certificate course.

Each term

Three hours

Course VI—School Problems. Open to Sophomores.

Two one-hour recitations each week thru one term.

The purpose of this course is to make intensive study of special problems relating to organization, administration, discipline and teaching. This course will be conducted as a seminar. Representative topics, training of teachers, rural school, vocational and industrial education, unification of the school system, compulsory education, promotion and grading, self-government. Subjects for exhaustive study will be selected and theses required.

One term

Two hours

Course VII—Theory of Pedagogy and Methods. Open to Juniors.

Prerequisites: Courses I and IV, or their equivalents.

Two one-hour recitations each week thru two terms.

This course discusses the fundamental principles and practical problems involved in school administration, teaching and discipline. Special attention is given to the relation of the school to the individual, to the state, and to society. The relation of the teacher to the school, the pupil and the community. The legal rights of pupils, patrons, teachers, and boards. Special attention is paid to methods of teaching various subjects. Consists of recitations, reports, and lectures.

Each term

Two hours

Course VIII—Methods and Practice Teaching. Open to Juniors.

Prerequisites: Course VII, or equivalent.

Three one-hour recitations or equivalent each week thru one term.

The purpose of this course is to provide very practical work for advanced students in Education. Accompanying a text book and reference study of theories of teaching, considerable attention will be given to actual teaching and observation. As far as the ability of the student justifies, and opportunities are presented, practice teaching will be required. In general, the student will be required to teach under supervision an elementary or secondary course for at least one quarter of nine weeks. The number of hours per week will be determined by the degree of advancement of the course taught and the amount of preparation that would normally be required of the practice teacher. The maximum credit that will be allowed for teaching an elementary subject is one credit for each twenty-seven hours of teaching; for teaching a secondary subject, one credit for each eighteen hours of teaching. Whether more teaching for this amount of credit is demanded will be determined by the recommendation of the Head of the Department in which the practice teaching is done. The remaining credit for the course will be earned thru regular class meetings where methods will be discussed and criticisms of the practice work offered.

Students presenting evidence of satisfactory teaching experience may be relieved of some practice teaching if the Head of the Department of Education deems it advisable. Also, students ranking below the rank of Junior may, if so advised by the Department, elect this course.

One term

Three hours

Course IX—Genetic Psychology. Open to Juniors. Elective.

Two one-hour recitations each week thru year.

Mental development in the race. Relation of the nervous system to behavior and mind; methods of learning and grades of intelligence; psychic characteristics of primitive people and different races, abnormal forms of behavior and consciousness. The comparative methods will be prominent throughout this course. Assigned reading; reports on special topics.

Mental development in the individual: Emphasis will be placed upon the stages of childhood and adolescence. Detailed study of the growth of mind in the child in comparison with the development of mind in different animal phyla. Prescribed reading; reports on special topics.

Each term

Two hours

Course X—Primary Methods.

Three one-hour recitations a week thruout two terms.

This course is intended for those who wish to prepare to teach in the first three grades, altho, of course, it would be of great value to rural teachers as well. The endeavor will be to cover all points of work for this period of the school course. Work will consist of lectures, library work, regular recitations, and a sufficient amount of demonstration work to make clear the various phases of work usually experienced in these grades.

Each term

Three hours

English Language and Literature

Professor Carlson

Course I—Rhetoric. Required of all Freshmen.

Three one-hour recitations or lectures thruout the year.

This course includes a study of the principles of rhetorical construction, an acquisition of style and invention, collateral reading, oral presentation of theme subjects and training in the art of writing.

The principles of composition and the qualities of style are reviewed and applied. Collateral reading of short stories, essays and magazine articles. Emphasis put upon the practical value of learning to write and to use good diction. Weekly themes required.

The elements of composition and the four forms of discourse are developed. Collateral reading and weekly themes, verses, and letter writing are required. Long themes during the second term.

Each term

Three hours

Course II—English Literature. A survey course. Open to Sophomores.

Three one-hour recitations or lectures thruout the year.

An historical survey of the historical movements affecting English Literature, the rise and development of literary types and ideals with the personality and principles of the authors and their works. Reports required. Lectures, readings and discussions.

Each term

Three hours

Course III—Literary Criticism. Open to Juniors.

Three one-hour recitations or lectures one term.

Especially valuable to teachers of literature and others who wish

to gain a more thorough knowledge of those principles by which literature is judged. It includes analyses of types of literature, study of the laws of criticism and consideration of the significance of personality in authorship. Criticisms of master critics are studied. Reports, lectures, readings and discussions.

One term

Three hours

Course IV—Spenser. Open to Sophomores.

Three one-hour recitations or lectures one term.

Spenser's personality and poetry is studied, with emphasis on his romanticism and his influence upon English poets. Language study included. Reports, lectures, readings, discussions.

One term

Three hours

Course V—Shakespeare. Open to Juniors. Prerequisites: Courses I and II.

(Open to Sophomores by permission of Instructor.)

Two one-hour lectures or recitations thruout the year.

A brief introductory consideration is given to the origin of the drama and its growth in England preceding Shakespeare, with some attention to Greek and Latin models, to Mystery, Miracle, Morality and Interlude, and to Shakespeare's immediate predecessors.

The main part of the course is an appreciative study of Shakespeare's poems and plays, with more thorough analysis and appreciation of two of the greatest plays of each period.

Shakespeare's life and personality are considered, and some attention is given to his contemporaries and to the stage, London and society of Queen Elizabeth's time.

Reports required. Lectures, readings, discussions.

Each term

Two hours

Course VI—Milton. Open to Sophomores.

Two one-hour recitations or lectures, one term.

Milton's personality and poetry are studied. A more intensive appreciation is made of his greatest masterpieces. The course also considers briefly the historical setting, the Puritan movement and Royalist reaction. Reports required. Lectures, readings, discussions.

One term

Two hours

Course VII—Classicism. Open to Juniors.

Two one-hour recitations or lectures one term.

Special study is made of Dryden and Pope, including analysis of

their literary theories and ideals and appreciative criticism of their most important works. Some study is made of their contemporaries, especially in poetry and the drama. Reports, lectures, readings, discussions.

One term

Two hours

Course VIII—Romanticism and Naturalism. Open to Juniors.

Two one-hour recitations or lectures one term.

This course deals to some extent with the influence of Roseau, the rise of the appreciation of nature and the romantic spirit. It is more especially a critical and appreciative study of England's nature poets and romanticists: Thomson, Cowper, Burns, Wordsworth, Coleridge, Shelley, Keats and Byron. Emphasis is laid on their ideals of life and literature as shown in their principal works. Reports lectures, readings, discussions.

One term

Two hours

Course IX—The English Novel. Open to Juniors.

Three one-hour recitations or lectures thruout two terms.

History of the rise of the English novel from 1700 to 1900. Reading, discussion and criticism of the greater English novel and an intensive appreciation of Defoe, Richardson, Fielding, Smollet, of the eighteenth century, and Scott, Austen, Dickens, Bronte, Eliot, Meredith, Hardy and Stevenson of the nineteenth century.

Each term

Three hours

Course X—Tennyson and Browning. Open to Juniors.

Three one-hour recitations or lectures thruout two terms.

Appreciative study is made of Tennyson and Browning their personalities and ideals of life and poetic art. The course includes a consideration of their principal contemporaries and of nineteenth century movements in literature. Reports required, lectures, readings, discussions.

Each term

Three hours

Course XI—Anglo-Saxon. Open to Freshmen.

Two one-hour recitations or lectures one term.

Anglo-Saxon grammar is studied in connection with translations from Anglo-Saxon classics. Anglo-Saxon poetry is analyzed as to form and content. Parts of Beowulf are translated.

One term

Two hours

Course XII—Nineteenth Century Prose. Open to Sophomores.

Two one-hour recitations or lectures thruout the year.

A course in intensive and critical study of the prose of the nineteenth century; special attention given to Macauley, De Quincy, Carlyle, Ruskin, Arnold, Pater, Newman and Emerson.

Each term

Two hours

Course XIII—American Literature. Open to Freshmen.

Five one-hour recitations or lectures one term.

Some attention is given to the historical forces influencing American Literature. The chief writers are studied as to their personalities and their literary contribution. An appreciative analysis is made of the characteristic masterpieces of each author. Reports, lectures, readings, discussions.

One term

Five hours

Course XIV—The Bible as Literature. Open to Sophomores.

Two one-hour recitations or lectures thruout two terms.

The narratives, philosophy, prophecies, and poetry of the Old Testament are studied. The literary form of each is considered. Considerable attention is given to the appreciative analysis of character. In the New Testament a study is made chiefly of the personalities of Christ and the Apostles. Reports, lectures, readings, discussions.

Each term

Two hours

Course XV—Chaucer. Open to Sophomores.

Two one-hour recitations or lectures one term.

Chaucer's life and times, the influence of the Renaissance. Chaucer's personality and genius and his principal work are studied. The course includes language study. Reports required. Lectures, readings and discussions.

Course XVI—Contemporary Drama. Open to Juniors. Prerequisites: Courses I, II, and V.

Three one-hour lectures or recitations thruout the year.

A study of Ibsen, Sudermann, Rostand, Materlinck, Shaw, Galsworthy, Tchekhof and others. Attention is given to the various theories of dramatic art behind their development. Lectures, discussions and short papers. Required reading of about twenty plays.

Each term

Three hours

Course XVII—The Short Story. Two hours thruout the year.

Analytic studies in the technique of the short story will be accompanied by constructive work in story writing. Representative stories by Irving, Hawthorne, Poe, Page, Bret, Hart, Cable, Mary Wilkins Freeman, Stevenson and others.

Each term

Two hours

Course XVIII—Advanced Composition. Open to Sophomores.

Required of all students majoring in English. Prerequisites:

Course I. (This course will make an excellent combination with

Course II, English Literature.)

Two hours thruout the year.

This course offers advanced training in composition to students specializing in English and to others desiring further development in written and oral expression.

French

Professor Lenhardt

French is made the language of the class-room very early in the year; it is made to the student a living language and an instrument of thought and expression. Object lessons are used together with direct, practical and conversational methods; phonology, accent and pronunciation are made prominent in all work. Mere translation of French into English is given a subordinate place. Students learn to read and understand simple French in six months.

Course I—First Year. Open to Freshmen.

Four one-hour lectures or recitations each week thruout the year.

Fraser and Squair's French Grammar is used. Elementary grammar completed. Reading of simple stories in French, such as "La Derniere Class," "Le Siege de Berlin," and easy plays as "Le Voyage de M. Perichon," "La Poudre aux Yeux."

Each term

Four hours

Course II—Second Year.

Three one-hour lectures or recitations each week thruout the year.

Reading, composition and conversation. "Merimee, Colomba," "Malot, Sans Famille," "Dumas, La Question d'Argent." Ability to translate English into French at sight. Reading from the Roman-

ticists and Realists including "Chateau Briand," "Hugo," "Lamartine," "Sand," "Balsac," "Daudet."

Each term

Three hours

Course III—Third Year.

Three one-hour lectures or recitations each week thruout the year.

French literature of the nineteenth century. Works of Hugo De Vigny, Balsac, Richepin, Vola are read and studied. Collateral reading and reports.

Each term

Three hours

Course IV—Fourth Year.

Two one-hour lectures or recitations each week thruout the year.

French literature of the seventeenth century. A general survey with special readings from Corneille, Racine and Moliere, French themes are required thruout the year.

Each term

Two hours

Course V—Fifth Year.

Two one-hour lectures or recitations each week thruout the year.

A general survey of the French literature of the Eighteenth Century. Reading from Voltaire, Rousseau and Montesquieu with French Syntax and themes required thruout the year.

Each term

Two hours

Course VI—Teachers' Course.

Two one-hour lectures or recitations each week thruout one term.

Methods and aims in the teaching of French. First and second year required.

One term

Two hours

Geology

Professor Jones

Course I—Dynamic, Structural and Historical Geology.

Two one-hour lectures or recitations each week thruout the year.

Open to all students who have completed a satisfactory course in Physical Geography. This is a course in elementary geology. Lectures, recitations, field trips and library readings on the natural forces at work from the formation of the earth to its present form; rock and

strata structure, and earth history are topics considered. Special attention will be given to economic deposits and the rise of animal and plant life.

Each term

Two hours

German

Professor Lenhardt

Course I—First Year.

Four one-hour lectures or recitations each week thruout the year.

Foundation of German studied from a beginner's book. Easy reading and conversation.

Each term

Four hours

Course II—Second Year.

Four one-hour lectures or recitations each week thruout the year.

Easy modern dramas used as basis for conversation. Prose composition once a week. Critical study of grammar and practice in sight reading. Good short stories in German used as basis for work. Composition and grammar, conversation and oral German employed thruout the year.

Each term

Four hours

Course III—Third Year.

Three one-hour lectures or recitations each week thruout the year.

A study of poetical dramas. Conversation, composition and grammar continued. Study of the German novel.

Each term

Three hours

Course IV—Fourth Year.

Three one-hour lectures or recitations each week thruout the year.

Critical study of Schiller, Freytag and Goethe as dramatics. Classics from these authors read. Study of Deutsche Reden (modern orations), The Faust, and Lessing's Nathan de Weise. German literature studied critically from a German text.

Each term

Three hours

History

Professor Schultz

Course I—European History.

Three one-hour lectures or recitations each week thruout the year.

The course will be a study of modern Europe since the close of the sixteenth century with special emphasis upon the period since 1860. The aim is to give the student a general knowledge of the development of the modern nations and to serve as a basis for further study in special fields for those who wish to major in History. Text book, collateral reading and lectures. (Offered in 1922-23)

Each term

Three hours

Course II—The French Revolution and the Napoleonic Era. Open to Sophomores or students who have completed Course I or its equivalent.

Three one-hour lectures or recitations each week thruout the year.

The unification of Italy and Germany, the movements toward political and social reform, commercial and colonial expansion, and the development of a spirit of international co-operation are carefully considered. (Offered 1923-24).

Each term

Three hours

Course III—English History. Prerequisite: Course I. Open to Juniors and other qualified students.

Two one-hour lectures or recitations each week thruout the year.

A study of the social and political history of England from the beginning to 1603. The chief topics are early England; influence of invasions; Norman, Plantagenet, and Tudor Kings; the effect of feudalism; the political reaction; and the political relations. The struggle between the Kings and Parliament, the Commonwealth, Divine Right, internal growth, and the final power gained by the people in the Reform Bills are carefully considered. The history of England is studied with reference to the introduction of the student to the present institutions in his own country which were fostered in this period. Text, discussions, and reference work. (Offered 1922-23).

Each term

Two hours

Course IV—American History. Open to Juniors and other qualified students.

Two one-hour lectures or recitations each week thruout the year.

This course deals with the early history of America, beginning with the discoveries and extending to the Civil War. The nature and

object of colonies; the character and aim of the colonies; the political, social and economic development; and the causes and results of the three major wars are the main topics. The great American institutions, the development of the nation since the Civil War, the advance of the country among the world powers since the Spanish War, the growth of state and national government, the division and reunion, and the latest national development. Special attention is given to foreign relations and their effect on the political work. Text, lectures, reports, discussions, and library reference work. (Offered in 1923-24).

Each term

Two hours

Course V—English Constitutional History. Prerequisite: History III.

Three one-hour lectures or recitations each week thruout one term.

The object of a constitutional study is to indicate the prevailing elements of government in its growth and development. A comparison is made between the English government and that of the United States showing the distribution of power and the balancing of the duties of all departments and the development of the cabinet system. A foundation is laid for the study of the constitution of the United States. Text books, supplemented by lectures and collateral reading (Offered in 1922-23).

First term

Three hours

Course VI—United States Constitutional History. Prerequisite: History IV or V.

Three one-hour lectures or recitations each week thruout two terms.

The object of this course is to trace the rise and development of local institutions, the growth of national unity, and the balancing of state and national powers. The organization and growth of the political parties and their relation to the Federal government are made objects of special attention. Text, lectures and collateral reading. (Offered in 1922-23).

Second and Third terms

Three hours

Course VII—Greek History. Open to Juniors.

Three one-hour lectures or recitations each week thruout one term.

A general survey of the political and social history of Greece with particular attention to the struggle with Persia, the Athenian Empire, the supremacy of Sparta, the Greek colonies, the empire of Alexander, and the Hellenistic period. Lectures, collateral reading and reports. (Offered in 1922-23).

First term

Three hours

Course VIII—Roman History. Open to Juniors.

Three one-hour lectures or recitations each week thruout two terms.

A brief study of the life and government of the early Romans, the conquest of Italy and the world, the struggle with Carthage, conditions under republic and empire, Roman provincial government, education and law; the introduction of Christianity, and the division and decay of the empire. Lectures, reading, and reports. (Offered in 1922-23.)

Each term

Three hours

Course IX—Seminar.

One one-hour lecture or recitation each week thru the year.

The student will make a thorough study of some period of American History thru the original sources with the view of completing an historical narrative. The student who majors in History needs the research work in order to better understand History and the viewpoints of various authorities. (Offered in 1922-23).

Each term

One hour

Home Economics

Professor Logerstrom

The Aim of Home Economics.

To make home making an inspiring profession, instead of deadening drudgery.

To make the daily work in the home of facinating interest instead of monotonous labor.

To make home making easier and simpler by utilizing modern science in the home.

To make the household money go further, that the higher things of life may be included.

To preserve and increase health, and thereby promote happiness and prosperity.

To develop the children—mentally, morally and physically—to their finest possibilities.

To effect the conservation and improvement of the American home.

Course I—Food. Requisite: General Chemistry. Open to all Freshmen.

One hour lecture and two two-hour laboratory periods each week thruout the year.

This course treats of the preparation of foods, their production, manufacture and adulteration, also the dietetical value of foods in the body. Special attention is given to marketing, and to planning and serving meals.

Each term

Three hours

Course II—Food and Dietetics. Prerequisite: Course I.

One one-hour recitation and two two-hour laboratory periods each week thruout the year.

Fundamental principles of human nutrition as applied to requirements of individuals under various conditions of health and environment. Dietary standards.

Each term

Three hours

Course III—Hygiene and Sanitation.

Two one-hour recitations thruout one term.

A treatment of sanitation and hygiene in the home. Heating, ventilation, sewerage disposal, structure of the home, environment, etc.

One term

Two hours

Course IV—Home Nursing and Invalid Cookery.

One one-hour recitation and two two-hour laboratory periods each week thruout two terms.

Dietary standards, first aid, and the principles of home nursing will be carefully considered.

Each term

Two hours

Course V—Home Management.

Two one-hour recitations thruout the year.

This subject takes up the management of the home, accounts, interior decoration, the servant problem, etc. Special attention is given to the place of books and art in the home and their appreciation.

Each term

Two hours

Course VI—Bacteriology.

Three one-hour recitations thruout one term.

This course treats more particularly of bacteria and molds in the home, their development and prevention, also some time is given to the study of pathogenic bacteria.

One term

Three hours

Course VII—Physiology.

For description of this course, see Department of Biology. This course runs thruout the year.

Each term

Three hours

Course VIII—Textiles.

One one-hour recitation, each week, thruout the year.

A study of the manufacture, source, quality, value and use of the different textiles. Experiments, practical work. Art Needlework.

Each term

One hour

Course IX—Sewing.

Two two-hour laboratory periods each week thruout the year.

Hand and machine sewing, also drafting, cutting and fitting of garments.

Each term

Two hours

Course X—Advanced Sewing.

Two two-hour laboratory periods each week thruout the year.

Dress design, color and harmony in dress, etc.

Each term

Two hours

Latin

Professor Logerstrom

In the work in Latin in the college, while the study of the grammatical structure is not neglected, attention is given chiefly to the thought and subject matter, and to the characteristics of style. It is constantly born in mind that among the benefits to be derived from the reading of the classical Latin authors are these: An acquaintance with the public and private life of the Romans, an understanding of the influence of Roman law upon the civilization of the world, a familiar knowledge of the Indebtedness of the English language to the Latin, and the cultivation of scholarly tastes thru an appreciation and enjoyment of the literary treasures preserved in the Latin language, treasures that are not made less valuable by the possession of like treasures in our own tongue.

Sight reading, oral and written exercises in prose composition form part of the work. In place of the authors named in the course of study others may be submitted in different years.

Course I—Open to Freshmen.

Three one-hour recitations thruout the year.

Livy. Books XXI and XXII; sight reading in Books I and II. Lectures and assigned readings on the Private Life of the Romans.

Cicero's "De Amicitia," "De Senectute," and selected Letters of Cicero. Private Life of the Romans; sight reading.

Each term

Three hours

Course II—Tacitus and Horace. Open to Sophomores.

Two one-hour recitations thruout the year.

The Germania and Agricola of Tacitus are read. Lectures and assigned readings in the History of Rome in the first century A. D., and in the History of Roman Literature.

Horace. A thorough study is made of all the works of Horace in the representative Odes, Epodes, Satires, and Epistles. Roman life in the Golden age of Latin Literature, Mythology and Monuments.

Each term

Two hours

ELECTIVE COURSES.**Course III—Roman Comedy and Satire.**

Two one-hour recitations thruout the year.

Two or more plays of Plautus and Terence. Lectures and assigned readings in the development of Roman Comedy.

Representative Satires of Juvenal, Persius and Horace. Lectures and assigned readings in Roman Satire and Roman life.

Each term

Two hours

Course IV—Roman Philosophy.

Two one-hour recitations thruout the year.

Cicero's Tusculan Disputations; Lucretius' selection from De Rerum Natura. Lectures and assigned readings.

Letters of Pliny and Cicero. Select letters will be read and studied.

Each term

Two hours

Course V—Roman Archeology and Graeco-Roman Art.

Two one-hour recitations one term.

Lectures and assigned readings. The stereopticon will be used to illustrate the work. This course may be taken without a knowledge of Latin.

Manual Training

This is an advanced course suitable for students who are preparing to teach city high schools. It includes several different lines of work. A review of the fundamental processes in bench work as taught in the high school or academy is given in the first part of the course. Then a constructive problem is designed and the piece built according to the plans made. Later, construction by hand tool process is taken up, including: cabinet making, drawer construction, paneling, and wood finishing.

Careful attention is given to courses in manual training for rural, grammar, and high schools, including methods of teaching, discussion of lessons and of courses of study.

Each term

Three hours

Mathematics

Professor Himmel.

Course I—Solid Geometry. Open to Freshmen.

Prerequisite, Plane Geometry.

Five one-hour recitations or lectures each week, one term.

This course consists of lectures and recitations largely devoted to demonstration exercises. The object of this course is to acquaint the student with solids and to develop an appreciation for the third dimensions. Special emphasis is placed on the sphere and on original exercises, including the solution of practical problems.

One term

Five hours

Course II—Plane Trigonometry. Open to Freshmen.

Prerequisite, Plane Geometry.

Five one-hour recitations or lectures each week, one term.

The work of Trigonometry consists of a careful study of Trigonometric ratios and formulas, the solution of triangles, by logarithmic methods. Special emphasis is placed upon the practical application of trigonometric principles.

One term

Five hours

Course III—College Algebra. Open to Freshmen.

Three one hour recitations each week, throughout the year.

This course aims to point out the connection between both algebraic and transcendental equations and geometrical curves. It is fun-

damental to the pursuit of higher mathematical courses. It is open to all who have had courses I, II.

Each term

Three hours

Course IV—Analytic Geometry. Open to Sophomores.

Five one-hour recitations each week, one term.

The equations of the point, straight line, circle, ellipse, parabola and hyperbola are developed and their properties investigated by means of rectilinear and polar co-ordinates. Loci of first and second order and some higher plane curves are studied. Students are required to form original equations and plot them by the graphic method. A brief study is also made of Solid Analytic Geometry in which the properties of the third dimension are demonstrated.

One term

Five hours

Course V—Differential and Integral Calculus.

Five one-hour recitations or lectures each week thruout the year.

This course is one of the most practical branches of mathematics and lays the foundation for the study of Mechanics and Engineering. It is open to all who have had Courses I, II, III, IV.

Each term

Five hours

Course VI—Surveying. Prerequisite Trigonometry.

Three one-hour recitations each week, one term.

This course consists in acquainting the student with the proper use and care of the instrument. The remainder of the course will be devoted to field work.

One term

Three hours

Course VII—Analytic Mechanics.

Three one-hour recitations each week thruout two terms.

This course aims to show the application of principles of Calculus to problems in Physics. It is open to all who have had Course V.

Each term

Three hours

Course VIII—Astronomy.

Five one-hour recitations or lectures each week, one term.

This course aims to give the student a conception of the wonderful mechanism underlying the movements of the heavenly bodies. It will be pointed out, also, how Astronomy is essential to navigation. The motions, orbits, phases and physical features of the planets and their satellites, the sun, comets, meteors, and stars are studied. Study of

locating the different constellations will be made.

One term

Five hours

Course IX—Mechanical Drawing. Open to Freshmen.

Two two-hour periods each week thruout the year.

Use of drawing instruments, practice in lettering, making working drawings, etc. Machine sketching, working drawings, tracings, etc.

Each term

Two hours

Music

Professor Bullock, Mr. Thalman.

Course I—Harmony.

Students of Liberal Arts may now major in music. See suggested groups on page 31 and also refer to the course as outlined in Conservatory section of this catalog.

Two one-hour recitations each week thruout two years.

Musical notation, keys, scales and signatures, intervals, formation of the triad, chord connection. Simple part writing from given basses and sopranos. Inversion of the triad, and special progressions. Chords of the seventh, and their inversions, with exercises in harmonizing sopranos and basses in the open as well as close position. Chromatic changes.

Augmented sixths, modulation, suspensions, exercises in full score, retardation, appoggiatura, anticipation and passing tone. Practical work at piano during the term is required of all students.

Harmonizing melodies which modulate, no figuring being given, harmonizing given alto and tenors, original exercises, double chants, chorals, original hymn writing, and exercises from Bach's figured chorals. Text book completed. Supplementary material for harmonization selected by the instructor.

Each term

Two hours

Course II—History of Music.

Two one-hour recitations each week thruout the year.

The course will consist of the study of the music among ancients, early Christian music, the cultivation of polyphony by the French and Netherlands schools and its culmination in the work of Palestrina. The **beginning of monody**, the opera of Italy, France and Germany, and the oratorio.

Special attention will be given to the great German masters and the development of musical form illustrated in their sonatas and symphonies. The work of romanticists will also be dwelt upon, and modern tendencies, as illustrated in the work of recent composers, companied by papers from the students on assigned topics, outlines, and required reading out of class.

Each term

Two hours

Course III—Ear Training.

Two one-hour recitations each week thruout two terms.

Exercises based upon diatonic major scale notation, studies in rythm, motives, phrases selected from the works of the great composers, the minor scale, exercises in the minor mode, chromatic progressions, modulation, the period, intervals, the two-part phrase and many short two-part exercises.

The triad, many short three-part exercises, chords in the major mode in four-part music, inversions, passing tones, suspensions, chords in the minor mode, modulation into nearly related keys, imitation.

Each term

Two hours

Course IV—Choral Singing.

One one-hour recitation each week thruout the year.

Instruction in elementary notation and terminology. Practice in singing at sight from notes. Elementary instruction in the use of the voice, and exercises for developing the voice and training the ear.

Each term

One hour

Course V—Public School Music.

Two one-hour recitations each week thruout two years.

The theory and practice of teaching music in the public schools, according to the systems in general use. Use of blackboard charts, notation, elementary harmony, part singing, development of the child's voice.

Each term

Two hours

Course VI—Instrumental or Voice.

For those finishing the Course in Piano or Voice in the Conservatory of Music, twelve hours College credit will be given.

Course VII—Counterpoint.

Two hours each week thruout the year.

Counterpoint in two, three and four parts. First, second, third, fourth and fifth species and various combinations of these. Florid

melodies as Canti Firmi, original writings of Amens. Responses and Chorals. Special attention to work at the piano.

Each term

Two hours

Course VIII—Harmonic Analysis.

Two hours each week thruout one term.

Harmonic analysis consists of analyzing the harmonies and formal structures of excerpts from compositions by many different composers.

One term

Two hours

Course IX—Analysis of Form.

Two hours each week thruout one term.

The course includes the study of a standard text on form and the analysis of standard works by leading composers.

One term

Two hours

Physics

Professor Reynolds.

Course I—General Physics. Open to all Freshmen.

Three one-hour lectures and two two-hour laboratory periods each week thruout the year.

This course consists of lectures, recitations, and laboratory work, the aim being to impart a general knowledge of the entire subject of Physics. A carefully kept laboratory note book is one of the requirements of the course, thus relating theory to practice. Physical measurements, force, motion, pressure, molecular forces and motions, energy, thermometry, sound, light, magnetism electricity etc., are studied, both experimentally and by text book assignment.

Each term

Five hours

Course II—Advanced Mechanics. Molecular Physics and Heat. Open to all students who have completed Course I, College Algebra, Solid Geometry, and Trigonometry.

One one-hour lecture and two two-hour laboratory periods each week thruout the year.

This course consists chiefly of laboratory work although lectures and recitations are included. The primary object is to establish an immediate and vital connection between theory and experiment, thus aiding the student to grasp the principles involved, as well as to acquire

skill in manipulation. The thorough mastery of a few fundamental principles is the best achievement.

Each term

Three hours

Course III—Advanced Sound, Electricity and Light. Open to all students who have completed Course I, College Algebra, Solid Geometry, and Trigonometry.

One one-hour lecture and two two-hour laboratory periods each week thruout the year.

This course consists of advanced, detailed study of that portion of the science of Physics not included in Course II. The general plan of work is similar to that in the preceding course.

Course III is given only in alternate years with Course II.

Each term

Three hours

Psychology and Philosophy

President Meyer.

Course I—General Psychology. Open to Sophomores.

Three one-hour recitations each week thruout the year.

This is an introductory course, and its purpose is to interpret the facts of psychology in their relation to education and personal culture. The mental processes are studied in their evolutionary development. Spontaneous, reflex, and instinctive activities by sense, experience, perception, and the higher mental processes are considered. Angell's Psychology and Titchner's Psychology are texts. (Offered every year).

Each term

Three hours

Course II—Psychology of Religion. Open to Juniors. Prerequisites Course I.

Two one-hour recitations each week, one term.

A study and interpretation of the religious consciousness of the race and individual. A study is made of the emotional, intellectual and volitional elements of religious experience. The development and nature of the religious impulses and instincts are discussed in relation to race, sex and age. (Offered in 1922-23).

One term

Two hours

Course III—Ethics... Open to Juniors. Prerequisite Course I.

Two one-hour recitations each week thruout two terms.

A study of the principles of moral judgment, with the exposition and criticism of the great theories concerning the basis of the distinction between right and wrong conduct, and an attempt to apply these principles to the conditions of modern political and economic life. Text books: Dewey and Tuft's *Ethics* and Royce's *Philosophy of Loyalty*. (Offered in 1922-23).

Each term

Two hours

Course IV—History of Philosophy. Open to Juniors.

Three one-hour recitations each week thruout the year.

A foundation course in Philosophy, from its beginning with the Greeks, to Leibnitz and Hume, setting forth the crucial problems of Kant. Special attention is given to Plato, Aristotle, Descartes, Spinoza and Leibnitz, and to Locke, Berkley, and Hume. Weber's *History of Philosophy* is used as a text book, and some of the principle philosophical classics are read.

Special attention is given to Kant, Hegel, Schopenhauer, Spencer and the present day pragmatists. The course aims to bring the student into vital touch with the present philosophical movements, and to lay a foundation for a personal constructive attitude. Royce's spirit of *Modern Philosophy*, Spencer's *Principles*, and James' "The Will to Believe," and Pragmatism are studied.

Each term

Three hours

Course V—Logic. Open to Juniors. Prerequisites Course I.

Five one-hour recitations each week one term.

The elements of deductive and inductive logic are studied as an introduction to the general subject of philosophy. The subject is considered not only as a science, but also as an art. The purpose is to render the student familiar with the logical principles and to give such practice in detecting fallacies as will enable him to think correctly, and to recognize and refute fallacious arguments. Text book, Jevon, or some other suitable text. (Offered in 1923-24).

One term

Five hours

Spanish

Professor Magee.

Course I—Elementary Spanish.

Three one-hour lectures or recitations each week thruout the year.

This course is designed to enable the student (1) to attain a clear

conception of the fundamental principles of Spanish grammar and syntax; (2) to read at sight easy Spanish prose; (3) to translate into idiomatic Spanish simple prose.

Each term

Three hours

Course II—Advanced Spanish.

Two one-hour lectures or recitations each week thruout the year.

This course consists of exercises of advanced Spanish composition; a study of the Spanish short story of today; a study of the novels and plays of modern Spanish authors.

Each term

Two hours

THE SCHOOL OF EDUCATION

The chief purpose of the school of Education is to prepare students for teaching. A large number of courses are offered to meet the various needs of students who are preparing to teach. The work of this school meets the legal requirements of the State of Iowa with reference to teacher's certificates. It provides excellent preparation for teaching in the rural schools, in the grades of towns and cities, in the high school, and for the principalship and superintendencies of high schools.

The courses of this school are outlined under two main groups: I. College Normal Courses, including (1) the Junior College Two-year Normal Courses, and (2) the Advanced Professional Four-year Courses; and II, Academy Normal Courses, including (1) the Four-year Academic Normal, and (2) the Short Normal and Review Courses. The courses of Group I are planned to meet the requirements of students of collegiate rank who desire a state certificate. The courses of Group II have been arranged to meet the requirements of all students below college standing.

The work of the School of Education may be divided into two general divisions. In the first place, the aim is to set forth in broad outlines the history, philosophy and principles of education. A number of courses have been outlined for the purpose of giving the student an acquaintance with the historical development of educational ideals and practice. Attention is directed to those features which are employed in present-day procedure. The student thus receives an orientation and foundation for later specific preparation. This phase of the work, therefore, may be pursued for cultural purposes, or it may be made to serve as a definite preparation for teaching.

In the second place, the work of this school is made specific and practical through experiment, observation, and practice teaching. This work is supplemental to the basic courses and is designed to give the student opportunity of applying the principles which have been presented in theory. It is made concrete through experiments and actual teaching under the direct supervision of members of the faculty. All practice teaching must be preceded not only by mastery of the basic principles of education, but also by definite and specific preparation of the particular lessons that are to be taught.

Provision is also made for observation of teaching to provide concrete illustrations of principles previously mastered. Definite points will be selected in advance and sought in the observed practice. This work in practical teaching and observation is very desirable for those who are preparing to teach. In addition to the preparation for general school work, it is important to make special preparation to teach one

or two subjects. With such preparation, the student is ready for special and desirable positions. Ellsworth School of Education will assist students in this preparation. On the following pages will be found an outline of courses showing groups which are desirable for this specific preparation. There are many calls for teachers of Mathematics, Science, History, English, Foreign Languages, Music, Sommercial Science, Domestic Science and Manual Training. Combination of any two of these courses as a major and a minor is desirable and required. The general course need not be necessarily weakened. At the end of two or four years of study the student may not only have the culture which this amount of study represents, but also the preparation which places him in line for a better school position.

STATE CERTIFICATE.

The State Department and the Educational Board of Examiners have established the following standards for State Certificates:

I—The Normal Course Standard.

Requirements for a two-year Normal Course accredited for the third grade State certificate:

1. Fifteen secondary units are required for admission.
2. The normal course must consist of seventy-two weeks' work.
3. One-fourth of the normal course shall be given to pedagogical subjects including psychology, school management, history of education, and methods of instruction.

II—Requirements in Psychology and Education for the First Grade State Certificate.

1. Psychology. Nine term hours.
2. Education. Twenty-one term hours.
 - (a). Principles and science of education. Limited to twelve term hours.
 - (b) History of education. Limited to twelve term hours.
 - (c) General and special methods of teaching. Limited to six term hours—three hours of general methods must be taken in the Department of Education.

Note:—Under this head accredited colleges may offer courses in methods of teaching secondary subjects to students who have made majors of these subjects.

- (d) Electives in professional courses.
 - History of Industrial and Vocational Education.
 - Child Study.
 - History of Philosophy.
 - Adolescence.

Organization of the High School.
 The High School Curriculum.
 The High School Student.
 Secondary Education.
 Supervision or School Administration.

Note 1: No credit will be given for any course in Education which requires less than two hours in one term.

Note 2: A college of Liberal Arts may offer psychology as early as the sophomore year and not to exceed nine term hours of work in Education in the first two years.

I. College Normal Group

1 Junior College Two-Year Normal Courses.

Recognition: The Bachelor of Didactics degree and the five-year state teachers' certificate without examination.

First Year.

Required:	Term	hours
English	9	hours
Education	9	hours 18 hours
Electives:		
Major subject	15 or 18	hours
Free Elective	12 or 9	hours 27 hours
Total		45 hours

MAJOR SUBJECTS:

Mathematics:

Solid Geometry	6	hours
Trigonometry	6	hours
College Algebra	9	hours

Science:

Biology	18	hours
Chemistry	15	hours
Physics	15	hours
Geology	5	hours

History and Economics:

European History	6	hours
Old Testament History	6	hours
New Testament History	6	hours
Principles of Economics	9	hours

English:

Anglo Saxon	3 hours
American Literature	4 hours
Argumentation	3 hours
Public Speaking	6 hours
Interpretation	6 hours
Dramatic Art	6 hours

Language:

German	9 or 12 hours
French	12 hours
Latin	9 hours

*Supervisor of Music:

Harmony	6 hours
Voice Culture.....	2 recitations weekly through year
Piano	2 recitations weekly through year
Ear training.....	2 recitations weekly, half year
Methods of Teaching.....	2 recitations weekly
Public School Music.....	through the year

**Commercial Teachers:

Principles of Accounting	5 hours
Theory of Accounts	5 hours
Salesmanship	3 hours
Organization and Business Management.....	3 hours
Commercial Geography	5 hours
Commercial Law	5 hours

Domestic Science and Home Economics:

Hand and Machine Sewing and Drafting.....	6 hours
Food Preparation	6 hours
Household Management	6 hours
Sanitation	3 hours

Second Year.

Term hours

Required:

Psychology	9 hours	
Principles of Education.....	4 hours	13 hours

Electives:

Major subject	18 hours	
Free Elective	14 hours	32 hours
Total		45 hours

*For this major English will be required. Certificate granted without examination.

**Shorthand, Typewriting and Bookkeeping required of students who have not had these subjects.

MAJOR SUBJECTS:

Mathematics:

Analytic Geometry	10 hours
Mechanical Drawing	6 hours
Astronomy	6 hours

Science:

Biology	9 hours
Chemistry	9 hours
Physics	9 hours
Physiology	9 hours

History and Economics:

French Revolution and Napoleonic Era	5 hours
Europe in the Nineteenth Century	5 hours
American History	6 hours
Money and Banking	3 hours
Public Finance and Taxation	3 hours
Corporation Finance	3 hours
Labor Problems	5 hours
Economic History of United States.....	5 hours
Principles of Political Science	5 hours

English:

General Survey of English Literature.....	9 hours
Shakespeare	5 hours
The Bible as Literature	5 hours
Chaucer	3 hours
Spencer	3 hours

Language:

French	9 hours
German	9 to 12 hours
Latin	6 hours

Supervisor of Music:

Harmony	2 recitations weekly through year
Voice Culture.....	2 recitations weekly through year
Piano	2 recitations weekly through year
Methods of Teaching	2 recitations weekly
Public School Music	through the year
History of Music	2 recitations weekly through year

Commercial Teachers:

Practical Accounting	5 hours
Auditing	5 hours
Transportation	3 hours
Psychology of Advertising	3 hours
Money and Banking	3 hours
Public Finance and Taxation	3 hours
American History	6 hours

Domestic Science and Home Economics:

Advanced Sewing	6 hours
Textiles	3 hours
Cookery	9 hours
Food Production	3 hours
Physiology	3 hours

2. Advanced Professional Four-Year Courses.

Students who finish the four years of college work required for the degree A. B., Ph. B., or S. B., must include not less than twenty hours of advanced professional work in Education, Psychology and Philosophy as a part of the one hundred twenty required for graduation in order to be eligible to receive the five-year first grade state certificate without examination.

Details of these courses are given in the Department of Education, page 50, and the Department of Psychology and Philosophy, page 69 of this catalog.

II. Academy Normal Group

1. Four-Year Academic Normal Course.

Graduates of the country schools, of the eighth grade, or those having equivalent scholarship may enter the regular four-year course. Most of the work prepares for entrance to college the same as the Academic Course. At the same time it provides special preparation for teaching.

Moreover, students in this school have the advantage of studying under the direction of a large and experienced faculty. To discriminating patrons and students this is a matter of much importance.

The Course in Outline

First Year

First Term	Second Term	Third Term
English I A	English I A	English I A
Algebra I A	Algebra I A	Algebra I A
Physiology	Physical Geography	Physical Geography
Latin (or an Elective)	Latin (or an Elective)	Latin

Second Year**First Term**

English II A
Ancient History
Algebra II A
Latin (or an Elective)

Second Term

English II A
Modern History
Civics
Latin (or an Elective)

Third Term

English II A
Modern History
Civics
Latin

Third Year**First Term**

English III A
Plane Geometry
American History
Home Economics
Writing

Second Term

English III A
Plane Geometry
Reading
Home Economics
Orthography

Third Term

English III A
Plane Geometry
Reading
Home Economics
Orthography

Fourth Year**First Term**

Physics
Pedagogy
Political Economy
English Grammar
Music

Second Term

Physics
Pedagogy
Arithmetic
Agriculture
Music

Third Term

Physics
Pedagogy
Arithmetic
Agriculture
Music

Manual Training may be elected during one year or more.

2. The Short Normal or Review Courses

This department is for all students who wish to prepare for any grade or county teachers certificate in the shortest time possible.

All the subjects are given, and the regular examinations for teachers' certificates are held regularly at the College. This is a great convenience, as well as saving of expense for our students.

The subjects for the second or third grade County Certificates are: Orthography, Reading, Writing, Arithmetic, Geography, Grammar, United States History, Didactics, Music, Physiology and Hygiene, Agriculture, *Domestic Science, and *Manual Training.

*Only one of these need be taken.

For the first grade certificate these subjects are also required: Civics, Algebra, Economics, and Physics.

The Twelve Weeks' Normal

All students are now required to have twelve weeks' Normal training before they are admitted to the teachers' examinations for certificates. This division of work gives opportunity for either a six weeks' or a twelve weeks' Normal Course. The terms may begin for review work at any time, but it is better to begin at opening of the regular terms.

Special Normal Courses

County superintendents have been reporting since the United States entered the war that there are not enough teachers to supply the constant demands.

Ellsworth College offers two special Normal Courses in addition to the other regular and well established teachers' courses. This is done in order to help increase the supply of teachers for the emergency.

These courses are so arranged that students may finish in one or two years, in accordance with the requirements of the age of the student when entering.

One Year Normal Course

Entrance requirements. The student must have finished the eighth grade of the country school, or have the equivalent. Those who plan for this one-year course should be seventeen years of age in order to be eligible to receive a teachers' certificate when the course is completed, since applicants must be eighteen years old to receive a teachers' certificate. The course in outline is as follows:

First Term of Twelve Weeks

Grammar and English	4 hours per week
Arithmetic	4 hours per week
Domestic Science and Sewing	5 hours per week
Normal Music	1 hour per week
Reading Drill	3 hours per week
Normal Physiology	4 hours per week

Second Term of Twelve Weeks

Grammar and English	4 hours per week
Arithmetic	4 hours per week
Domestic Science and Sewing	5 hours per week
Agriculture	4 hours per week
United States History	4 hours per week
Orthography Drill	3 hours per week

Third Term of Twelve Weeks

Normal Geography	4 hours per week
Didactics and School Management	5 hours per week
Agriculture	4 hours per week
Reviews as Necessary	4 hours per week
Drills as Necessary	3 hours per week

TWO YEAR NORMAL COURSE

Entrance Requirements. The same as in the one-year course except that the student may begin, this course at sixteen years of age. The course in outline follows:

First Year

First Term of Twelve Weeks

General English	4 hours per week
Normal Physiology	4 hours per week
First Year Algebra	4 hours per week
Normal Reading Drills	3 hours per week
Normal Spelling Drills	3 hours per week
Normal Geography	4 hours per week

Second Term of Twelve Weeks

General English	4 hours per week
First Year Algebra	4 hours per week
Normal Agriculture	4 hours per week
Normal Reading	3 hours per week
Normal Penmanship	5 hours per week

Third Term of Twelve Weeks

General English	4 hours per week
First Year Algebra	4 hours per week
Normal Agriculture	4 hours per week
Normal Reading	3 hours per week
Normal Reviews	3 hours per week

Second Year

First Term of Twelve Weeks

Normal Arithmetic	4 hours per week
Domestic Science and Sewing	5 hours per week
United States History	4 hours per week
Normal Music	1 hour per week
Normal Pedagogy	4 hours per week
Reviews	3 hours per week

Second Term of Twelve Weeks

Normal Arithmetic	4 hours per week
Domestic Science and Sewing	5 hours per week
Normal Music	1 hour per week
School Management	4 hours per week
United States History	4 hours per week
Normal Reviews	3 hours per week

Third Term of Twelve Weeks

Normal Arithmetic	4 hours per week
Domestic Science and Sewing	5 hours per week
Normal Grammar	3 hours per week
Normal Didactics	4 hours per week
Normal Reviews	3 hours per week

Class Work and Lectures in Above Subjects

There will be such class work and lectures and such quizzes and tests that the clearest possible knowledge of each subject may be worked out by each student.

The work in each branch is planned to cover the entire subject as completely as it can be done in the time the student can give the subject. The difficult and chiefly essential points are strongly emphasized. The work will prepare the student to make high grades in examinations.

An Important Difference

Our normal review courses are very different from any that may be given in common schools. Our professors have specialized in this

work. They therefore know how to give the greatest number of helpful suggestions. Each one of the professors is limited to a few hours of teaching and meets each of his classes one full hour. Besides, much special personal help is given students from time to time. It is not uncommon to hear students remark that they have made more progress in a few weeks' work here than in an entire year before. This in no way reflects upon former teachers or schools. They have to deal with different conditions and because of this fact they cannot properly carry on this special work.

THE ACADEMY

In the eastern part of the United States there are many special college preparatory schools. They are well supported because the people desire the best possible preparation for college. A distinguished editor, in discussing the work of such preparatory schools, declared that the universities and colleges of the middle west, if they are to do their best work, should encourage a few well-equipped schools to prepare students for colleges, universities and technical courses.

Ellsworth Academy offers these courses and is prepared to do this special work. The student may prepare for any college. Is it not as important in the middle-west to have special preparatory schools where the work is of the highest grade as it is to have such schools in the East?

If quality of work is made of first importance, the work of Ellsworth Academy as a college preparatory course, or as a strong practical course, will be given high rank.

The work is fully accredited and the courses are standard in every way. The Academy, because it maintains high-class college and university preparatory courses, has attracted the attention of discriminating school patrons from all parts of the country. The Chicago Tribune has said editorially: "The universities of the West should recognize the need of preparatory schools of high order and do what they can to secure them. Without them the western ideal of home education for home boys and girls cannot be fully attained."

A noted educator has said: "The educational atmosphere and the college outlook thus provided, in the midst of which the academy lives, is an incalculable benefit, and a benefit, too, which as time goes on will be more and more appreciated by those who have children to educate. As nearly as can be estimated about sixty per cent. of academic graduates pursue more advanced work, while about only thirty per cent. of the graduates of the best high schools go on to higher work. The

chances, therefore that an academic student will go on and pursue lines of purely cultural work, are more than doubled."

For the present, classes of the preparatory courses recite in the same buildings with the Normal and College classes. The students are under the same government and have the use of the library and reading room, physical and chemical apparatus, collections in the museum, and are admitted to the literary societies. Students who cannot take a college course may find the preparatory courses such as will give them culture and a good preparation for life.

Entrance Requirement

For entrance to the Academy, students are required to have completed the work of the first eight grades of common school. Certificates of graduation from the eighth grade will be accepted; while those who have not completed the full work may do so by taking preparatory work.

Scope of Work

The academy gives full preparation for any American college or technical school. The academic course affords, also, a good practical education for that large class of students who cannot continue in school long enough to complete a full college course.

Requirement for Graduation

For graduation from the Academy, fifteen units of work are required, or thirty semester credits.

Academic Courses

The Four-Year Course for Graduation

Persons who are preparing for entrance into college, or who wish

to graduate and receive the Ellsworth Academy diploma, must complete this four-year course. The following subjects are required for graduation:

English	3 units	Plane Geometry	1 unit
History	1 unit	Science	1 unit
		Algebra	1 unit

The eight additional units are elective. If bookkeeping or shorthand is elected the tuition of the School of Commerce will be charged.

First Year

Required Subjects

First term	Second term	Third term
English I	English I	English I
Algebra I	Algebra I	Algebra I

Elective Subjects

Agriculture	Physiology	Physiology
Expression	Expression	Expression
Latin I	Latin I	Latin I
Bookkeeping	Bookkeeping	Bookkeeping
	General Science	

Second Year

Required Subjects

English II	English II	English II
Ancient History	Modern History	Modern History

Elective Subjects

Latin II	Latin II	Latin II
Mechanical Drawing	Mechanical Drawing	Mechanical Drawing
Shorthand	Shorthand	Shorthand
Algebra II	Advanced Arithmetic	Arithmetic

Third Year

Required Subjects

English III	English III	English III
Plane Geometry	Plane Geometry	Plane Geometry

Elective Subjects

Latin III	Latin III	Latin III
German I	German I	German I
Economics	Botany	Botany
Debating	Debating	Debating
Manual Training	Manual Training	Manual Training

Fourth Year**All Elective Subjects**

Physics	Physics	Physics
English IV	English IV	English IV
Education	Education	Education
German II	German II	German II
Latin IV	Latin IV	Latin IV
Solid Geometry	Trigonometry	Trigonometry

Vocational Courses

Many young people have but limited time and means at their disposal for educational pursuits. Yet these people have a strong desire for something beyond the work of the country schools, or the grade schools. To meet the needs of such students, vocational courses have been planned. They include instruction in those vocational subjects which have recently attracted so much attention in educational circles.

We urge upon all the importance of completing the four-year course, and thus meeting all the college entrance requirements. But if that is impossible, these two-year courses will be found very helpful. All these courses will be planned by a special committee of the Faculty or by the President to suit the individual needs of each student.

Ellsworth College Summer School

This school opens Monday, June 11th, and will continue for 60 days and give credit for twelve weeks work. There will be two terms of thirty days work, so that a student may take work for a credit of six weeks or twelve weeks as may be required. School will be in session six days a week.

This will shorten the time two weeks and save the student two weeks of time and expense, which is of great importance to many students.

The program is arranged so that practically all the classes recite in the morning hours. The program is planned so that students may have no trouble to secure work in the classes they most need.

The Purpose of the Summer School

Several interests are directly served by the summer session.

1. It meets the needs of teachers in service by enabling them to take such work as will directly meet their special requirements.
2. It meets the demands of the regular College Students who desire to secure advanced standing.
3. It affords advantages to those who wish to make a special study of Manual Training, Agriculture, Sewing, Domestic Science or Home Economics.
4. It affords high school students an opportunity to make up credits.

Admission

The summer session is open to all who can profit by the work.

Faculty

The faculty will be chosen from our regular staff, and in every instance will represent proven efficiency. All may depend upon inspiring and thorough work in all departments.

ELLSWORTH SCHOOL OF COMMERCE

Some Important Considerations

What are some of the important considerations to keep well in mind when one is about to choose a school, where he will take his business or commercial training? Doubtless, the list will include these fundamental things:

1. Large, well trained and experienced faculty.
2. Good buildings, equipment, and proper location.
3. Large endowment and income other than tuition and fees.
4. Ample and liberal choice of work because of large number and variety of courses of study.
5. "Up-to-dateness" and thoroughness of all work.
6. The success of those who take its courses of training.
7. The position-getting power of the school and the position-holding power of its students.
8. The attractive social and student organizations for general encouragement in good work.
9. The reasonable cost of attendance. So many schools advertise in a way that suggests too much, and charge from two to five times more than they should for what they really do for the student.
10. A real atmosphere of study and honest work, and moral training that really qualifies for business life.

Now, Ellsworth School of Commerce invites and solicits comparison of its work with that of any other school, in the above ten points. There are many other advantages here but these are a few of the important considerations.

Business Training Essential

This is an age of commerce. Americans are distinctly a commercial people. They are destined to man and pilot the world's commercial ship and to assert the supremacy already virtually theirs. This supremacy can be maintained only by the constant exercise of sagacious business insight. A keen penetrating commercial insight is largely augmented by a thorough practical training. It is this keenness of

vision in business affairs, this breadth of knowledge in things commercial, that have secured for us our present commercial prestige. A technical business training is the pressing need of the hour—it is felt on every hand. The difference between the successful and the unsuccessful is largely a difference in practical knowledge. Such knowledge is a capital that never fails, and which a reverse of fortune cannot destroy. It is a resource that secures profitable employment and self-support.

Need Business Training

There is no one free from the performance of business duties. These duties exact toll from the farmer and professional man as well as from the banker and merchant. The farmer, mechanic, and professional man who are lacking in business knowledge, are all seriously handicapped in this day of keen competition and financial rivalry.

Record for Iowa and Middle West

Ellsworth School of Commerce holds the record in the following:
 (1) Highest shorthand speed and accuracy—225 words a minute for 10 minutes on new and difficult matter. (2) Shortest time for mastery of shorthand course.

Another Feature of Superiority

Ellsworth School of Commerce offers a bigger variety of Book-keeping and Accounting courses with related subjects of commercial training than other schools. We herewith give a partial list of these subjects:

Advertising	Business Penmanship
Auditing	Business Spelling
Banking	Commercial Geography
Banking Theory and Practice	Commercial Law
Business Forms	Corporation Finance
Bookkeeping	Civil Service Course
Business Arithmetic	Court Deposition Work
Business Dictation	Court Reporting
Business Economics	Care of Typewriter
Business Efficiency	Investment Finance
Business English	Labor Problems

Letter Writing	Rapid Business Calculation
Manifolding	Salesmanship
Marketing of Products	Shorthand
Money and Banking	Shorthand for Secretaries
Newspaper Reporting	Statistics
Public Finance and Taxation	Sociology
Office Management	Theory of Accounts
Practical Accounting	Taxation
Principles of Accounting	Touch Typewriting
Psychology	Transportation.
Send for Special Commercial Catalog for fuller statement.	

Course I—Business Training

This is a general commercial course that requires about one year of nine months to complete. Of course, the time may vary for different students who may enter with somewhat different training or natural abilities.

This course is suitable for graduates of country schools, the grades or those who may have already taken a year of high school work or persons of equivalent scholarship. Also, those may enter who desire a good thorough commercial course that can be completed in one year, regardless of what their training may be, providing they have a fair knowledge of the common school branches.

Course II—Business Training

This course is for students who have had two or three years of high school work, or its equivalent, and who wish to complete a good strong commercial course in about one year.

Course III—Banking Course

Time required—From four to five months.

This course is for students who wish to make a specialty of banking. The prerequisite will be a good course in bookkeeping.

Course IV—Combination Course in Shorthand, Typewriting and Bookkeeping

This is a very practical course for students who have already a thorough knowledge of the common school branches or for those who have done some advanced work so that part of the subjects are merely reviews. To illustrate, there are many who may find the business English and Spelling very easy and requiring only a little of their time. Before taking up this course, as in all courses, it is best to consult with the Commercial teachers on the registration Committee or the President.

Course V—The Academic Business Course

This course is for country school and eighth grade graduates who desire to combine subjects of the course in the academy with business training subjects. In this way students who can not spend more than three years in school are able to secure a very practical general education for the usual occupations one may follow in business and in general daily life.

Course VI—Mid-Winter Business Training

This is a general business course for those students who can only enter for the winter months. As far as possible students should enter about the middle of November, but they may enter this course during all of November, December and early part of January.

Course VII—Shorthand Certificate Course

Time, five to nine months.

This course is for those who wish to learn Shorthand and Typewriting in the shortest possible time. The course is limited to the fewest subjects consistent with success in the work. A certificate awarded upon completing the course.

Course VIII—Shorthand Graduate Course

The purpose here is to graduate students whose training shall qualify them for the higher classes of positions. Students will be permitted to finish the work in the shortest time consistent with good work. Students should bring a statement of their credits with them when they come to enroll. The student should carry at least twenty hours of work unless excused for reason. Diploma conferred upon graduates.

Course IX—Reporter's Shorthand Course

This is for those who wish to become expert court reporters. The prerequisites are Course VII or VIII. In this field of work there is almost limitless opportunity. The salaries range from \$2,000 to \$5,000 a year with much time for special work. Diploma awarded upon graduation.

Course X—Secretarial Shorthand Course

This course prepares for very desirable positions. There are thousands of public and private secretaryships. These pay good salaries, and in many other ways are among the most eagerly sought for positions. This course gives the best preparation, from all points of view, for this work.

No one should take this course, unless perfectly willing to become expert in the use of good English. In fact, the better educated one is, the better secretary one may become.

Course XI—Civil Service

Students who have taken these courses in Ellsworth School of Commerce have been unusually successful at Washington, D. C., and in other places where they have entered the Civil Service.

Course XII—Special Business Training Courses of College Grade for High School Graduates

There are a large number of young men and young women who have completed a full four-year high school course or an academic course and who do not feel that they have time to complete a full four-year college course. They prefer to take special courses that would prepare them for high-class business positions. In other words, there is an increasing number of ambitious young people who are preparing for better business positions, and it is just as true that there is an increasing demand in the business world for properly trained men and women. Ellsworth School of Commerce has recognized this fact and has made ample preparation for this advanced class of students. These courses are outlined in the College of Liberal Arts department of this catalog. The student may finish one, two or four-year courses, all the work being of college grade.

Send for the Special Commercial Catalog

The Ellsworth School of Commerce publishes a special catalog in which these courses are fully outlined, and much other information is given which will be of interest to those who are especially interested in commercial training subjects.

Conservatory of Music

The Ellsworth Conservatory of Music ranks as one of the leading schools of music in the Middle West. It ranks as such, not merely because of its large enrollment, but more especially so because of the efficiency of its faculty and the standard of excellence maintained in the work of its students; thus offering to the serious student who desires a thoro musical education, instruction fully abreast of the highest modern standards. Full courses in Piano, Voice, Violin, Public School Music and the various phases of musical theory are offered.

The broad-minded, thinking musician is being demanded more and more each year, and it is toward the development of this sort of students that the conservatory of Music is striving. By looking thru the courses and requirements of this department it will be readily seen that the management has endeavored to make them accord with this idea. Such a combination of branches has been taken up as is thought to be of the greatest benefit to the student, and it is the purpose to offer instruction in and provide for the study of the latest and best methods. This department is striving to direct the minds of the students towards the study of principles involved in the work they are doing; principles which underlie music in general and which underlie the production and performance of it; principles which, if applied, surmount the difficulties in the shortest time with the least expenditure of energy.

A deep personal interest in every student is maintained by all members of the faculty. Such influences are thrown about the student, as are conducive to a broad and thoro musical development. It is the aim of the management to allow graduation only after a good musical and technical foundation has been laid and a knowledge of scientific study has been acquired. That these ideals are achieved, is proven by the many students who have gone out from Ellsworth Conservatory and assumed prominent positions in the concert field and teaching profession.

FACULTY

Ida Franklin Meyer, Litt. M, A. M.
President of the College

* * *

Artemas Erwin Bullock, Mus. B.
Director of the Conservatory
Professor of Singing and Piano

* * *

Minnie Adamson-Bullock, Mus. B.
Instructor in Piano and Theory

* * *

J. William Thalman, Mus. B.
Instructor in Piano, History of Music and Public School Music

* * *

Lucile Corey
Instructor in Violin

* * *

George W. Beebe
Instructor in Wind Instruments

COURSE OF STUDY DEGREES

To those students having sufficient credits to meet college entrance requirements, having graduated from the regular course of the Conservatory, and showing special musical ability, the degree of Bachelor of Music will be granted upon recommendation by the Director, after having completed one year of post graduate study in their chosen subject, one year of counterpoint, and shall have pursued for two years or more, an additional subject other than harmony and counterpoint.

GRADUATION

Very few can attain the degree of proficiency required for graduation in Piano, Voice or Violin in less than four years. The Theory requirements of either course consist of two years of Harmony, two terms of Ear Training and one year of Musical History, besides being able to perform in a satisfactory manner; one year of Piano is required in connection with the Voice and Violin courses, and one year of Sight Reading in the Voice course. Each graduate is required to give a recital during his Senior year. A diploma is awarded upon graduation.

PIANOFORTE

A general outline of the work carried on in Piano is as follows:

Technical exercises, which are intended to give control of the muscles of the fingers, hands, arms, making them responsive to the command of the will.

Etudes by the best teachers and composers, designed to give further development to the executive powers, to bring about a finer relation between the physical and mental faculties and to form a connecting link between purely technical work and the higher forms of musical expression.

Compositions of sterling merit by the best writers, both ancient and modern, for aesthetic development.

Application of principles of pedaling is carried on simultaneously.

It is impossible to give detailed information regarding our course of study for the Pianoforte, because the course varies more or less for each student. Many works should be studied by all, but beyond these, there is much that may be essential for one student and not at all essential for another. Our plan is to adapt instruction to the personal needs of each student. From this, it is obvious that the details of the course cannot be specified, the purpose in each case, being the development of a musical touch and a refined and intelligent style of playing.

VOICE

True cultivation of the voice consists in the development of pure tone, and its easy natural use and control in singing; correct use of the breath, intonation, attack, legato, accent, phrasing and enunciation are the leading features of technical drill.

The Italian method, as taught by Maestro Vannini, of Florence, Italy, is used in this department, in which method, we believe, are embodied all the higher ideals of perfect mechanical skill.

At the same time, more than mere technical perfection is aimed at, viz; a musicianly style of playing and all that is implied in the broad term "interpretation" together with a thoro appreciation of the best works, of classic and modern composers.

VIOLIN

The instruction is based upon the best schools for Violin, together with etudes and solo pieces by the best writers. Not only a thoro technical development is required, but a broad intelligent style of playing as well.

The same standards as are required in the courses of study for Piano and Voice, are adhered to in this course.

HARMONY

First Term

Musical notation, keys, scales, signatures, intervals, formation of the triad, and chord connection. Simple part-writing from given basses and sopranos. First eighteen lessons in Elementary Harmony by A. E. Heacox.

Two hours

Second Term

Inversions of the triad and special progressions. Elementary Harmony completed. Chords of the seventh and their inversions, with exercises in harmonizing sopranos and basses in open as well as close position. Chromatic changes. Lessons eight to nineteen in Elements of Harmony by Emery.

Two hours

Third Term

Augmented sixths, modulation and suspensions. Exercises in full score, retardation, appoggiatura, anticipation, and passing tone. Piano work.

Two hours

Fourth Term

Harmonizing melodies which modulate, no figuring being given, harmonizing given altos and tenors, original exercises and double chants. Two hours

Fifth Term

Chorals, original hymn writing and exercises from Bach's figured chorals. Two hours

Sixth Term

Continuation of work of fifth term. Text book completed. Supplementary material for harmonization selected by the instructor. Two hours

EAR TRAINING

Before entering the fourth term class in Harmony, students must have special training of the ear, which aims to develop and quicken the musical perception, with particular reference to the capacity for intelligent hearing.

First Term

Exercises based upon the diatonic major scale, notation, studies in rhythm, motives, phrases selected from the works of great composers, the minor scale and exercises in the minor mode. Chromatic progressions, modulations, the period. First nine chapters of Ear Training by A. E. Heacox. Two hours

Second Term

Intervals, the two-part phrases, and many short two-part exercises. The triad, many short three-part exercises. Chords in the major mode in four-part music, inversions, passing tones, suspensions, chords in the minor mode, modulation into nearly related keys, imitation. Text book completed. Two hours

HARMONIC ANALYSIS

To be begun after the completion of Harmony and Ear Training.

Harmonic analysis consists of analyzing the harmonies and formal structures of excerpts from compositions by many different composers. The student becomes more intimately acquainted with the masters, their peculiarities and mannerisms, thus enabling him to give a much more intelligent interpretation to their works.

Analysis has great value as an aid to memorizing.

It has also been found an inspiration to some to continue the study of advanced theory and free composition.

Text, Harmonic Analysis by F. L. Lehmann.

One term

Two hours

ANALYSIS OF FORM

A true appreciation of music depends not only upon the aesthetic feelings aroused by the content, but also upon a conscious recognition of the elements of form by means of which music is primarily given expression. A definite knowledge of the importance of accent and rhythm, the construction of phrases, sentences, etc., the grouping of these smaller musical divisions into "paragraphs" and complete movements and the grouping of these complete movements into such complex structures as sonata, symphony, concerto, etc., is necessary to appreciate the purely intellectual phase of music. This course includes the study of a standard text on form and the analysis of standard works by leading composers.

One term

Two hours

COUNTERPOINT

To be begun after the completion of Harmony and Ear Training. Simple Counterpoint in Forty lessons by F. J. Lehmann, is used.

First Term

Simple counterpoint in two parts. First, second, third, fourth and fifth species, and various combinations of these. Two hours

Second Term

Simple counterpoint in three parts, including the soprano, alto and tenor C clefs. Some original writing.

Special attention is given to the work at the piano. Two hours

Third Term

Simple counterpoint in four parts: Florid Melodies as Canti Firmi, Original Writings of Amens, Responses and Chorals. Open score reading at the piano. Two hours

HISTORY OF MUSIC

The course in History of Music deals with the development of music in all its forms, from the beginning of the Christian era to the present and also, with the history of musical taste and culture in all countries and periods. Besides the study of the text used for daily recitations, extensive supplementary readings are assigned in designated references. Text book, History of Music, Baltzell.

Throughout the year.

Two hours

PUBLIC SCHOOL MUSIC DIRECTOR'S COURSE

The demand for men and women who are thoroly qualified to teach music in the public schools is ever increasing, and has made necessary the establishment of courses primarily intended for the training of such special teachers. Many more positions with excellent salaries were open this year to graduates in this department of the Conservatory than could be filled. Two years of study are required, the emphasis in each of these years being upon the acquirement of musicianship, but each year including certain material relating directly to the teaching of school music. A special supervisor's certificate, the highest grade certificate in music authorized by the State Board of Examiners, is granted upon graduation. Requirements for admission to the director's course include the following:

The possession of an acceptable singing voice and of a fairly quick sense of tone and rhythm.

A fair amount of elementary musical training.

A general academic education representing a four year accredited high school course or its equivalent.

Tabular Schedule

Hours per week

First Year	First Term	Second Term	Third Term
Piano, 3 hrs. practice	2	2	2
Voice, 1 hr. practice	2	2	2
Harmony	2	2	2
Ear Training		2	2
Sight Reading	1	1	1
Dictation	1	1	1
Notation and Terminology	2		
English	4	3	3
Citizenship		5	
Chorus	1	1	1
Second Year			
Piano	2	2	2
Voice	2	2	2
Harmony	2	2	2
History of Music	2	2	2
Material and Methods	2	2	
Melody Writing	1	1	
Choral Conducting			2
Practice Teaching			2
Psychology and Education	4	3	3
Chorus	1	1	1

Sight Reading

This course includes singing at sight individually, with words and with Latin syllables, music suitable for the first eight years in the public schools. Singing of sequential studies.

Dictation

Study of the principles of tone and rhythm as taught in the first eight years in the public schools. Drill in the recognition and writing of melodic phrases in all keys. Harmonic dictation in two and three parts, aural recognition of intervals and chords in fundamental and inverted positions in major and minor tonalities.

Notation and Terminology

This course provides instruction in the elements of music. The construction of major, minor and chromatic scales, intervals and triads. Use of all signs, words and abbreviations. Analysis of phrase and period forms. Text book, Music Notation and Terminology, Gehrken's.

Material and Methods

This course is devoted to the study and demonstration of material and methods for the first eight years in the public schools. Special attention is given to the presentation of the different tonal and rhythmic problems as they are taken up in successive years. The study of problems relative to the High School, including the school chorus, glee clubs, orchestra, study and classification of voices, credits for music study, music appreciation, etc.

Melody Writing

The principles of melody construction, normal rhythms and voice progressions, melody writing, with special reference to harmonic suggestion.

Choral Conducting

The technical side of conducting. Baton technique, class and individual practice. Text books—Junior Songs—Dann; Essentials in Conducting—Gehrken's.

Practice Teaching

In this course students are required to teach the essential principles presented in the material and methods course under the immediate supervision of the instructor.

COMBINED COLLEGE AND CONSERVATORY COURSE

Candidates for the degree of Bachelor of Arts with music as a major, must meet the following requirements in music and in the A. B. Groups.

Forty-eight term hours shall be the maximum credit for music consisting of Thirty hours of Theory and History of Music, and eighteen hours of practical music.

Credit for practical music is allowed under the following conditions:

1. Credit is given only for work of advanced grade after two years of theory have been completed.

2. Credit is given only upon recommendation of the Conservatory faculty to students showing satisfactory progress.

3. Practical music must be carried through the entire four years of the course.

The remaining one hundred thirty-two hours must be taken in the A. B. groups.

Suggested course leading to the A. B. degree with music as a major:

Freshman Year	1st Term	2d Term	3d Term	Credit
Rhetoric	3	3	3	9
Science	5	5	5	15
Modern Language	4	4	4	12
Theory of Music	4	4	4	12
Practical Music	2	2	2	
				48

Sophomore Year	1st Term	2d Term	3d Term	Credit
Science	2		2	3
Modern Language	2	2	2	6
Psychology	3	3	3	9
Electives	2	6	4	12
Theory of Music	2	2	2	6
Practical Music	2	2	2	6
				42

Junior Year	1st Term	2d Term	3d Term	Credit
Philosophy	3	3	3	9
English Literature	3	3	3	9
Electives	3	3	3	9
Theory of Music	2	2	2	6
History of Music	2	2	2	6
Practical Music	2	2	2	6
				45

Senior Year	1st Term	2d Term	3d Term	Credit
English Literature	3	3	3	9
Electives	10	10	10	30
Practical Music	2	2	2	6
				45

SPECIAL ADVANTAGES

Student's Recitals

One of the most important incidental advantages of the Conservatory is the regular recitals, at which students perform such pieces as may be selected by their teachers, for the purpose of giving them self-control and ease in public appearance.

Artists Recitals

Excellent opportunity is offered students for hearing good music presented by artists of superior ability. In recent years the following artists have visited the city: Harold Henry, pianist; Isolde Menges, violinist; Zoellner String Quartet; Louis Kreidler, baritone; Antonio Sala, cellist; Alberto Salvi, harpist; Winston Wilkinson, violinist; Pasquale Tallarico, pianist; Lois Brown, pianist; Minneapolis Symphony Orchestra, Augusta Cottlow, pianist, Vera Poppe, cellist, Francis Ingram, contralto.

In addition to these there are many student recitals and concerts by various musical organizations.

Literary Advantages

The connection of the Conservatory with an institution of learning such as Ellsworth College affords unusual advantages for the pursuit of literary studies in connection with music. Graduation in Piano and Voice and Violin is permitted to count in the College Course as are also the study of Harmony and History of Music. There is also the advantage of hearing the best lecturers who are frequently brought to the city.

Government

Our rules of government are few in number and very general in their application. It has been our good fortune to have sent to us an excellent class of young ladies and gentlemen, and to find that for the most part they are disposed to do what is right, largely on their emotion and to control themselves according to social propriety.

Vacation. The Christmas vacation period shall extend from the close of the class periods on Friday before the Christmas week until Tuesday morning following New Year's day.

DEGREE CONFERRED JUNE 18, 1922.

College of Liberal Arts.

Bachelor of Arts Degree

Boddy, Edna Lucile	Iowa Falls, Iowa
Hedges, Eve Mae	Zearing, Iowa
Meyer, Justenia Susanna	Iowa Falls, Iowa
Owens, David Franklin	Traer, Iowa
Redman, Aletha Burnett	Iowa Falls, Iowa
Stout, Belle McLaughlin	Iowa Falls, Iowa
Sayre, Williard I.	Blairsburg, Iowa
Wright, Byron B.	Bradford, Iowa

Two-Year College Normal.

Bachelor of Didactics Degree.

Awe, Gladys Irene	Iowa Falls, Iowa
Barton, Grace Irene	Toulon, Illinois
Cloud, Laura	Emporia, Kansas
Dunning, Alice A.	Iowa Falls, Iowa
Fitz, Velma Fae	Hampton, Iowa
Minkel, Ruth	Dysart, Iowa
Smalldridge, Bernice	Iowa Falls, Iowa
Stipp, Lena Leota	Walnut, Iowa
Reece, Syble	Iowa Falls, Iowa
Watt, Mary Louise	Iowa Falls, Iowa
Wilkie, Frances Fae	Wilkie, Iowa

Conservatory of Music.

Piano

Bachelor of Music

Hoffman, Bertha Elizabeth	Radcliffe, Iowa
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Voice

Diploma Course

Emma, Caroline	Manchester, Iowa
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Academy

Hansen, Esther A.	Coulter, Iowa
Hartley, Marshall F.	Laurens, Iowa
Rohwer, Minnie	Grundy Center, Iowa

Shorthand and Typewriting

Hager, Emma Lucile	Alden, Iowa
Hays, Ethel Whitesell	Iowa Falls, Iowa

ROSTER OF STUDENTS 1921-22.

College of Liberal Arts.

Seniors

Boddy, Edna Lucile	Iowa Falls, Iowa
Hedges, Eva Mae	Zearing, Iowa
Meyer, Justenia Susanna	Iowa Falls, Iowa
Owens, David Franklin	Traer, Iowa
Redmen, Aletha Burnett	Iowa Falls, Iowa
Stout, Belle McLaughlin	Iowa Falls, Iowa
Sayre, Williard I.	Blairsburg, Iowa
Wright, Byron B.	Bradford, Iowa

Juniors

Belken, George D.	Iowa Falls, Iowa
Cale, Cecil	Iowa Falls, Iowa
Coates, Dorothy	Iowa Falls, Iowa
Evans, Uel F.	Shelby, Iowa
Gonzalez, Marceliano R.	San German, Porto Rico
Hackbarth, Mrs. Lee Grant	Wellsburg, Iowa
Hackbarth, Lee Grant	Wellsburg, Iowa
Hamilton, Andrew C.	Clarion, Iowa
Hamilton, Mabel	Iowa Falls, Iowa
Hardcastle, John	Iowa Falls, Iowa
Lasher, Chas. A.	Dubuque, Iowa
McAninch, Ethel O.	University Park, Iowa
Mannetter, Marie	Hubbard, Iowa
Marks, Nina	Iowa Falls, Iowa
Mitchell, Robert	Iowa Falls, Iowa
Ralston, Alma	Meservey, Iowa

Sophomores

Anderson, Nels B.	Roland, Iowa
Awe, Gladys	Iowa Falls, Iowa
Barton, Grace	Toulon, Illinois
Cloud, Laura	Emporia, Kansas
Dunning, Alice	Iowa Falls, Iowa
Fitz, Velma	Hampton, Iowa
Eryslie, Kenneth	Iowa Falls, Iowa
Gruetzmacher, Mae W.	Iowa Falls, Iowa
Harrison, Bernice	Hampton, Iowa
Havens, Floyd W.	Iowa Falls, Iowa
Johnson, Mrs. A. R.	Iowa Falls, Iowa
Lemke, Jess E.	Dows, Iowa
Lyon, Harold	Iowa Falls, Iowa

Minkel, Ruth	Dysart, Iowa
Patton, E. F.	Iowa Falls, Iowa
Quasdorf, Avis	Iowa Falls, Iowa
Seeger, Ruth	Hampton, Iowa
Smalldridge, Bernice	Iowa Falls, Iowa
Smith, J. Miles	Grundy Center, Iowa
Stipp, Lena	Council Bluffs, Iowa
Symington, Fred B.	Ackley, Iowa
Thompson, Floy	Iowa Falls, Iowa
Varnum, Frances	Iowa Falls, Iowa
Watt, Mary L.	Iowa Falls, Iowa
Whitsitt, Claudine	Iowa Falls, Iowa
Wilkie, Fae	Wilkie, Iowa

Freshmen

Arnold, Gladys	Iowa Falls, Iowa
Beenken, Della	Titonka, Iowa
Benshoof, Dorothy	Iowa Falls, Iowa
Boylen, Hazel	Rodman, Iowa
Brown, Golda J.	Iowa Falls, Iowa
Butler, Milo	Iowa Falls, Iowa
Cale, Dorothy	Iowa Falls, Iowa
Choso, A.	Dairen, Japan
Clay, Lola	Iowa Falls, Iowa
De Neui, Minnie	Ackley, Iowa
Drake, Esther E.	Holland, Iowa
Dunning, Mabel	Iowa Falls, Iowa
Ellefson, Floyd	Alden, Iowa
Engelby, Olive L.	Jewel, Iowa
Erdal, Inez	Stewartville, Minn.
Ersland, Martha	Cambridge, Iowa
Evans, Arthur D.	Shelby, Iowa
Everett, Helen	Iowa Falls, Iowa
Faust, Clara	Hubbard, Iowa
Fouser, George	Rochelle, Illinois
Fromm, Glenn E.	Iowa Falls, Iowa
Gardner, Glenn	Iowa Falls, Iowa
Gerdes, Lena	Kamrar, Iowa
Hager, Della	Wesley, Iowa
Hall, Wilbur	Iowa Falls, Iowa
Hamilton, Charles	Iowa Falls, Iowa
Hartley, H. Ray	Laurens, Iowa
Havens, Ayleen	Iowa Falls, Iowa
Helt, Nettie	Iowa Falls, Iowa

Holste, Ruth	Massena, Iowa
Hayden, Harold	Owasa, Iowa
Jennish, Margaret	Iowa Falls, Iowa
Junkerman, Otto S.	Ackley, Iowa
Kelly, Margaret	Iowa Falls, Iowa
King, Leroy	Iowa Falls, Iowa
Koch, Malvern H.	Shelby, Iowa
Koon, Maurice	Iowa Falls, Iowa
Lemke, Lee	Dows, Iowa
Lewers, Mabel	Iowa Falls, Iowa
MacLeod, Sidney	Iowa Falls, Iowa
McMurray, Ruby	Iowa Falls, Iowa
Marks, Cleo	Iowa Falls, Iowa
Mendsell, Thelma	Iowa Falls, Iowa
Milliken, Helen	Iowa Falls, Iowa
Nichols, Gertie	Iowa Falls, Iowa
Norton, Darwin	Iowa Falls, Iowa
Robinson, Franklin F.	Hampton, Iowa
Schroeder, Ira	Blairsburg, Iowa
Schroeder, Frances	Lakota, Iowa
Speers, Clara	Iowa Falls, Iowa
Tibballs, Florence A.	Iowa Falls, Iowa
Walrath, Randall	Blairsburg, Iowa
Watters, Dahlia	Ackley, Iowa
Weatherman, Donald	Whitten, Iowa
Welden, Katherine	Iowa Falls, Iowa
Wilkinson, Marguerite E.	Red Lake Falls, Minn.
Willson, Ewart	Wapello, Iowa
Winter, Laura	Lakota, Iowa
Woods, Dorothy	Iowa Falls, Iowa

College Special.

Conrady, David F.	Iowa Falls, Iowa
Croot, Della	Iowa Falls, Iowa
Evans, G. D.	Winsburg, Iowa
Graeber, Frances	Corwith, Iowa
Hoffman, Bertha	Radcliffe, Iowa
Johnson, Arnold	Iowa Falls, Iowa
Meyer, John	Blairsburg, Iowa
Newgaard, Maud	Belmond, Iowa
Redman, Aletha B.	Iowa Falls, Iowa
Rourk, Viva	Kanawha, Iowa
Stoddard, Blanche	Iowa Falls, Iowa
Stout, Belle M.	Iowa Falls, Iowa
Wall, George	Burdette, Iowa

HOME ECONOMICS DEPARTMENT

The College

Arnold, Gladys—Course III, Hygiene and Sanitation.....	Iowa Falls, Iowa
Boylen, Hazel—Course IX, Sewing	Rodman, Iowa
Brown, Golda J.—Course III, Hygiene and Sanitation.....	Iowa Falls Iowa
De Neui, Minnie—Course III, Hygiene and Sanitation.....	Ackley, Iowa
Dunning, Alice—Course III, Hygiene and Sanitation.....	Iowa Falls, Iowa
Engelby, Olive L.—Course IX, Sewing, Course VIII Textiles.....	
.....	Jewell, Iowa
Faust, Clara—Course IX, Sewing, Course VIII, Textiles..	Hubbard, Iowa
Fitz, Velma—Course VIII, Textiles, Course V, Home Manage- ment	Hampton, Iowa
Havens, Ayleen—Course III, Hygiene and Sanitation.....	Iowa Falls, Iowa
Kelly, Margaret—Course VIII, Textiles, Course III, Hygiene and Sanitation	Iowa Falls, Iowa
Lewers, Mabel—Course IX, Sewing, Course X, Advanced Sew- ing, Course III, Hygiene and Sanitation	Iowa Falls, Iowa
Mendell, Thelma—Course IX—Sewing	Iowa Falls, Iowa
Schroeder, Frances—Course III, Hygiene and Sanitation, Course IX, Sewing	Lakota, Iowa
Smallldridge, Bernice—Course VIII, Textiles	Iowa Falls, Iowa
Stout, B. M.—Art Needle Work	Iowa Falls, Iowa
Winter, Laura—Course III, Hygiene and Sanitation, Course IX, Sewing	Lakota, Iowa
Woods, Dorothy—Course III, Hygiene and Sanitation.....	Iowa Falls Iowa

The Academy

Hansen, Esther—Cooking	Coulter, Iowa
Jordahl, Georgia—Cooking	Buffalo Center, Iowa
Lundgren, Bernice—Cooking	Ft. Dodge, Iowa

THE SCHOOL OF COMMERCE.

College School of Commerce.

Anderson, Nels B.—Commercial Geography	Roland, Iowa
Barton, Grace—Business Correspondence, Com. Geog.	Toulon, Ill.
Belken, Geo. D.—Business Correspondence, Com. Law Iowa	Falls, Iowa
Boddy, Edna—Typewriting	Iowa Falls, Iowa
Brown, Golda—Salesmanship, Bus. Organization	Iowa Falls, Iowa
Butler, Milo—Salesmanship, Com. Geog.	Iowa Falls, Iowa
Choso, Azsa—Typewriting	Dairen, Japan
Conrady, David F.—Bookkeeping, Accountancy IC, Marketing, Business Correspondence, Commercial Law	Iowa Falls, Iowa
Evans, Arthur D.—Salesmanshop, Marketing	Shelby, Iowa
Fouser, Georg C.—Marketing, Salesmanship	Rochelle, Ill.

Fromm, Glenn C.—Acct'cy IC, Sales'p, Com. Geog., Typewriting, Bus. Managm't, Marketing, Bus. Corres.	Iowa Falls, Iowa
Hall, Wilbur, Salesmanship, Typewr., B'k'g, Sales'p, Iowa Falls, Iowa	
Hartley, H. Ray—Accountancy IC	Laurens, Iowa
Havens, Ayleen—Typewriting	Iowa Falls, Iowa
Johnson, Arnold Irvin—B'k'g, Com. Law	Iowa Falls, Iowa
Koon, Maurice—Acc't IC, Sales'p, Bus. Org. Bus. Cor. Iowa Falls, Iowa	
Koch, Malvern H.—Salesmanship, Marketing	Shelby, Iowa
Kratz, Lewis B.—Typewriting	Iowa Falls, Iowa
Lyon, Harold—Acct'cy IC, Com. Geog. Sales'p, Bus. Organization, Typewriting	Iowa Falls, Iowa
Mechem, Lewis—Typewriting	Clarion, Iowa
Owens, David F.—Com. Geog., Com. Corres. Com. Law	Traer, Iowa
Seeger, Ruth—Business Correspondence	Hampton, Iowa
Smith, J. Miles—Salesmanship	Grundy Center, Iowa
Symington, Fred B.—Marketing	Iowa Falls, Iowa
Walrath, Randall—Salesmanship	Blairsburg, Iowa

Academic School of Commerce.

Bleeker, Bernice—Shorthand and Type., B'k'g	Ackley, Iowa
Breckenridge, Harold, Bookkeeping	Clarion, Iowa
Cronck, Mayme—Bookkeeping, Typewriting	Iowa Falls, Iowa
Daughenbaugh, Hazel—Bookkeeping	Iowa Falls, Iowa
Espe, Tilman—Bookkeeping	Kanawha, Iowa
Evans, Leo—Bookkeeping	Williams, Iowa
Faria, Jose—Short'd and Typewriting, B'k'g....	San German, Porto Rico
Cardlen, Amos—Bookkeeping, Typewriting and Shorthand.	Dows, Iowa
Grobee, Dorothy E.—Shorthand and Typewriting	Shelby, Iowa
Hansen, Minnie—Shorthand and Typewriting, B'k'g	Iowa Falls, Iowa
Harken, Emma—Bookkeeping, Typewriting	Aplington, Iowa
Helvig, Arthur—Bookkeeping	Iowa Falls, Iowa
Hiserodt, Sam—Bookkeeping, Typewriting	Iowa Falls, Iowa
Isebrands, John—B'k'g, Sales'p, Typewriting	Sibley, Iowa
Jordahl, Eva—Typewriting	Buffalo Center, Iowa
Kimball, Mattie—Typewriting and Shorthand, B'k'g	Iowa Falls, Iowa
Klettke, Theodore—Bookkeeping	Ripon, Wis.
Liston, Ida—Shorthand and Typewriting, B'k'g	Ackley, Iowa
Lutz, Anabel—Typewriting	Iowa Falls, Iowa
McMillen, Howard—Bookkeeping	Iowa Falls, Iowa
Miller, Fern—Shorthand and Typewriting, Bookkeeping ..	Alden, Iowa
Mincy, Roberta Noble—Shorthand and Typewriting....	Iowa Falls, Iowa
Nelson, Cornelius G—Bookkeeping, Salesmanship, Typewrit- ing	McCallsburg, Iowa
Nelson, Walter—Bookkeeping, Typewriting	Alden, Iowa

Norgaard, Agnes—Shorthand and Typewriting, B'k'g....Coulter, Iowa
 O'Kones, Neil—Bookkeeping Wellsburg, Iowa
 Olson, Russell J.—B'k'g, Typewriting and Shorthand.....Rowan, Iowa
 Renken, George—Bookkeeping Parkersburg, Iowa
 Rohwer, Minnie—Typewriting Grundy Center, Iowa
 Ryan, E. Mildred—Sh'hand and T'pwriting, Com. Law....Baker, Mont.
 Schmidt, Leonard—Bookkeeping Wellsburg, Iowa
 Smith, Albin A.—Bookkeeping Alden, Iowa
 Smith, Lyman W.—Typewriting, B'k'g, Banking Bradford, Iowa
 Straley, Newton—Bookkeeping Iowa Falls, Iowa
 Thorpe, K. Floyd—Bookkeeping, Typewriting Iowa Falls, Iowa
 Wall, George—Bookkeeping, Typewriting, Com. Law....Burdette, Iowa
 Kelderhouse, Alfred—Bookkeeping Iowa Falls, Iowa

Register of Students

ACADEMY.

Fourth Year.

Allen, Beatrice, Hampton, Iowa
 Allen, Bernice, Hampton, Iowa
 Bailey, Earl, Iowa Falls, Iowa
 Brown, Cecille I., Iowa Falls, Iowa
 Boyenga, Florence, Ackley, Iowa
 Buckholtz, Gladys, Hubbard, Iowa
 Cottrell, Viola, Iowa Falls, Iowa
 Hansen, Esther, Coulter, Iowa
 Hartley, Marshall F., Laurens, Iowa
 Hicks, Earl Leroy, Geneva, Iowa
 Nelson, Cornelius G., McCallsburg, Iowa
 Pulsis, Harvey, Iowa Falls, Iowa
 Reece, Lena, Eldora, Iowa
 Rohwer, Minnie, Grundy Center, Iowa
 Sawtelle, Marion, Latimer, Iowa
 Schipull, Elma, Goldfield, Iowa
 Wilkinson, Grant, Iowa Falls, Iowa

Third Year.

Ellsworth, Harold, Iowa Falls, Iowa
 Graff, Lulu M., Popejoy, Iowa
 Hall, Edith, Iowa Falls, Iowa
 Hamilton, Lillian, Hampton, Iowa
 Hay, Robert, Iowa Falls, Iowa
 Kinney, Lewis, Iowa Falls, Iowa
 McGough, Margaret, Iowa Falls, Iowa
 McMurray, Flossie, Iowa Falls, Iowa
 McNie, Annabel, Hampton, Iowa
 Miller, Cleva, Alden, Iowa

Second Year.

Burgess, Beth, Iowa Falls, Iowa
 Bronleewe, Rudolph, Buffalo Center, Iowa
 Espe, Tilman, Kanawha, Iowa
 Eustice, Mildred, Hampton, Iowa
 Hedlund, Alice, Iowa Falls, Iowa
 Jonker, Carrol, Iowa Falls, Iowa
 Klettke, Theodore, Ripon, Wis.
 Pagelson, Avanelle, Iowa Falls, Iowa
 Schultz, Ward, Iowa Falls, Iowa

First Year.

Breckenridge, Harold, Clarion, Iowa
 Cobie, Ina, Ackley, Iowa
 Daughenbaugh, Hazel L., Iowa Falls, Ia.
 Jordahl, Eva, Buffalo Center, Iowa
 Jordahl, Georgia, Buffalo Center, Iowa
 Lungren, Bernice, Ft. Dodge, Iowa
 Schnebly, Ardis, Renwick, Iowa
 Schwendemann, Roy G., Burnside, Iowa

NORMAL REVIEW.

Abbas, Tena, Kanawha, Iowa
 Bear, Lillian, Ackley, Iowa
 Brower, Alice, Kanawha, Iowa
 Clair, Elizabeth, Jewell, Iowa
 Clair, Florence, Jewell, Iowa
 Denger, Rosa, Dows, Iowa
 Stromer, Drusilla, Garner, Iowa
 Stuart, Irene, Clear Lake, Iowa

SUMMER SCHOOL.

College of Liberal Arts.

Anderson, Nels B., Roland, Iowa
 Anderson, O. J., Iowa Falls, Iowa
 Arnold, Gladys, Iowa Falls, Iowa
 Beenken, Della, Titonka, Iowa
 Belken, G. D., Iowa Falls, Iowa
 Cale, Cecil, Iowa Falls, Iowa
 Clay, Lola, Iowa Falls, Iowa
 Coates, Dorothy, Iowa Falls, Iowa
 Croot, Della, Iowa Falls, Iowa
 De Neui, Minnie, Ackley, Iowa
 Drake, Esther, Holland, Iowa
 Dunning, Alice, Iowa Falls, Iowa
 Dunning, Mabel, Iowa Falls, Iowa
 Ersland, Martha, Cambridge, Iowa
 Evans, Arthur D., Shelby, Iowa
 Evans, G. D., Winsburg, Iowa
 Evans, Uel F., Shelby, Iowa
 Gerdes, Lena, Kamrar, Iowa
 Graeber, Francese, Corwith, Iowa
 Gruetzmacher, Mae W., Iowa Falls, Iowa

Hackbarth, Lee Grant, Wellsburg, Iowa
 Hackbarth, Mrs. Lee Grant, Wellsburg, Ia.
 Hager, Della, Wesley, Iowa
 Hamilton, Mabel, Alden, Iowa
 Harrison, Bernice, Hampton, Iowa
 Havens, Floyd W., Iowa Falls, Iowa
 Helt, Nettie, Iowa Falls, Iowa
 King, Leroy, Iowa Falls, Iowa
 Lasher, Charles A., Dubuque, Iowa
 Johnson, Mrs. A. R., Iowa Falls, Iowa.
 McCoy, Bruce, Iowa Falls, Iowa
 Mannetter, Marie, Hubbard, Iowa
 Marks, Cleo, Iowa Falls, Iowa
 Marks, Nina, Iowa Falls, Iowa
 Meyer, John, Blairsburg, Iowa
 Newgard, Maude, Belmond, Iowa
 Ralston, Alma N. Meservey, Iowa
 Redman, Aletha Burnett, Iowa Falls, Iowa
 Robinson, Franklin F., Hampton, Iowa
 Rourk, Viva, Kanawha, Iowa
 Seeger, Ruth, Hampton, Iowa
 Speers, Clara, Iowa Falls, Iowa
 Stoddard, Blanche, Iowa Falls, Iowa
 Stout, Belle McLaughlin, Iowa Falls, Iowa
 Thompson, Floy, Iowa Falls, Iowa
 Tibbals, Florence A., Iowa Falls, Iowa
 Weatherman, Donald, Whitten, Iowa

Academy

Allen, Beatrice, Hampton, Iowa
 Allen, Bernice, Hampton, Iowa
 Bailey, Earl, Iowa Falls, Iowa
 Brown, Cecille L., Iowa Falls, Iowa
 Bronleewe, Rudolph, Buffalo Center, Iowa
 Buckholtz, Gladys, Hubbard, Iowa
 Burgess, Beth, Iowa Falls, Iowa
 Boyenga, Florence, Ackley, Iowa
 Cottrell, Viola, Iowa Falls, Iowa
 Ellsworth, Harold, Iowa Falls, Iowa
 Graff, Lulu M., Popejoy, Iowa
 Hall, Edith, Iowa Falls, Iowa
 Hamilton, Lillian, Hampton, Iowa
 Hay, Robert, Iowa Falls, Iowa
 Hedlund, Alice, Iowa Falls, Iowa
 Hicks, Earl Leroy, Geneva, Iowa
 Jonker, Carrol, Iowa Falls, Iowa
 Kinney, Lewis, Iowa Falls, Iowa
 McGough, Margaret, Iowa Falls, Iowa
 McMurray, Flossie, Iowa Falls, Iowa
 McNie, Annabel, Hampton, Iowa
 Miller, Clea, Alden, Iowa
 Pagelson, Avanelle, Iowa Falls, Iowa
 Pulis, Harvey, Iowa Falls, Iowa
 Sawtelle, Marion, Latimer, Iowa
 Schnebly, Ardis, Renwick, Iowa
 Schultz, Ward, Iowa Falls, Iowa
 Wilkinson, Grant, Iowa Falls, Iowa

School of Commerce.

Barrett, Kenneth A.—Shorthand and Typewriting, Sioux Rapids, Iowa.
 Boyenga, Florence—Typewriting, Ackley, Iowa.
 Canham, Gladys—Shorthand, Typewriting and Bookkeeping, Iowa Falls, Iowa.
 Downing, Olive—Bookkeeping, Shorthand and Typewriting, Iowa Falls, Iowa.
 Evans, Arthur—Typewriting, Shelby, Iowa.
 Everett, Helen—Shorthand and Typewriting, Iowa Falls, Iowa.
 Faria, Jose—Bookkeeping, Shorthand, German, Porto Rico.
 Graff, Lulu—Shorthand and Typewriting, Popejoy, Iowa.
 Hicks, Earl—Typewriting, Geneva, Iowa.
 Hager, Della—Shorthand and Typewriting, Wesley, Iowa.
 Harms, Alieda—Shorthand and Typewriting, Alden, Iowa.
 Helt, Nellie—Typewriting, Iowa Falls, Iowa.
 Kellogg, Vera—Shorthand and Typewriting, Alden, Iowa.
 Oler, Ura, M.—Typewriting, Alden, Iowa.
 Primus, John—Typewriting, Wellsburg, Iowa.
 Wallace, Jocelyn—Typewriting, Iowa Falls, Iowa.

NORMAL REVIEW

Alberts, Hazel, Radcliffe, Iowa
 Anderson, Ruth, Dows, Iowa
 Ball, Sylvia, Duncombe, Iowa
 Ballantine, Lora M., Jewell, Iowa
 Barrick, Nina, Iowa Falls, Iowa
 Beach, Maude, Dows, Iowa
 Boone Esther M., Alden, Iowa
 Brightwell, Evelyn, Iowa Falls, Iowa
 Brunemeier, Rena, Hubbard, Iowa
 Case, Mae, Estherville, Iowa
 Chelta, Inger O., Radcliffe, Iowa
 Christianson, Hazel C., Garden City, Iowa
 Clair, Elizabeth, Jewell, Iowa
 Clair, Florence, Jewell, Iowa
 Clary, Amy J., Eldora, Iowa
 Clary, Clara C., Eldora, Iowa
 Clary, Katherine, Eldora, Iowa
 Clary, Marie O., Eldora, Iowa
 Davenport, Geneva, Iowa Falls, Iowa
 Dixon, Vivian, Iowa Falls, Iowa
 Doyle, Mary, Eldora, Iowa
 Duncan, Myrtle F., Kanawha, Iowa
 Eickler, Marcella M., Pocahontas, Iowa
 Eickler, Myrtle T., Ponda, Iowa
 Eickler, Rita, Pocahontas, Iowa
 Faust, Irene, Hubbard, Iowa
 Fitz, Carrie Mae, Iowa Falls, Iowa
 Fosse, Anna, Radcliffe, Iowa
 Foster, Florene, Forest City, Iowa
 Fuller, Agnes, Goodell, Iowa
 Fuller, Mildred, Goodell, Iowa
 Giesler, Edna, Alden, Iowa
 Graff, Selma V., Popejoy, Iowa
 Granner, Dora, Eldora, Iowa
 Granzow, Ruth, Iowa Falls, Iowa
 Hall, Ruth, Iowa Falls, Iowa
 Hamilton, Phyllis, Iowa Falls, Iowa
 Hamilton, Thelma L., Iowa Falls, Iowa
 Hansen, Anna R., Iowa Falls, Iowa
 Harms, Alieda J., Alden, Iowa
 Heck, Hermal, Webster City, Iowa
 Heidal, Clarence, Radcliffe, Iowa
 Hueneman, Amalia, Garner, Iowa
 Huffman, Mattie, Iowa Falls, Iowa
 Huffman, Merle, Iowa Falls, Iowa
 Johnson, Orva, Radcliffe, Iowa
 Johnston, Marie, Ackley, Iowa
 Jones, Kathryn L., Alden, Iowa
 Jordahl, Eva, Buffalo Center, Iowa
 Kadolph, Florence, Eldora, Iowa
 Katter, Sophia, Garner, Iowa
 Kircher, Irene, Burt, Iowa

Kirchgatter, Laura M., Corwith, Iowa
 Lamm, Viola, Iowa Falls, Iowa
 Lawler, Mable, Iowa Falls, Iowa
 Lawton, Florence A., Alden, Iowa
 Lynn, Wilma M., Eldora, Iowa
 Megan, Lucile, Eldora, Iowa
 McLeod, Phyllis L., Dows, Iowa
 Moonan, Virginia A., Dubuque, Iowa
 Mulane, Alice, Iowa Falls, Iowa
 Murdock, Madeline, Webster City, Iowa
 Nassen, Esther, Radcliffe, Iowa
 Newton, Viola L., Swea City, Iowa
 Oleson, Ilo, Dows, Iowa
 Oler, Ura M., Alden, Iowa
 Olson, Roy E., Jewell, Iowa
 Orpin, Thelma, Alden, Iowa
 Paulson, Nellie, Dows, Iowa
 Peterson, Ethyl, Duncombe, Iowa
 Shafer, Florence, Webster City, Iowa
 Shafer, Pearl, Webster City, Iowa
 Sheldahl, Cecile, Ellsworth, Iowa
 Simons, Katie, Latimer, Iowa
 Simons, Ilo B., Latimer, Iowa
 Stockdale, Ethel, Hampton, Iowa
 Stromer, Dalia, Garner, Iowa
 Stromer, Norma M., Garner, Iowa
 Stout, Grace, Morrison, Iowa
 Thoms, Eda May, Alden, Iowa
 Toomsen, Katie, Ackley, Iowa
 Whalen, Blanche, Iowa Falls, Iowa
 Wilkins, Gertrude, Goodell, Iowa
 Windecker, Esther, Alden, Iowa

CONSERVATORY OF MUSIC

Piano

Armstrong, Minnie, Iowa Falls
 Allison, Margaret, Iowa Falls
 Albright, Wilma, Iowa Falls
 Axtell, Mamie, Iowa Falls
 Anderson, Myrtle, Iowa Falls
 Burgess, Elizabeth, Iowa Falls
 Bakker, Anna, Wellsburg
 Blecker, Bernice, Ackley
 Benshoof, Lucia, Alden
 Brewer, Harriet, Iowa Falls
 Belken, Arloene, Iowa Falls
 Becker, Gladys, Iowa Falls
 Bennett, Avonelle, Iowa Falls
 Bailey, Irene, Iowa Falls
 Bump, Viola, Iowa Falls
 Bump, Lorin, Iowa Falls
 *Brandrup, Carol, Webster City
 Brown, Golda, Iowa Falls
 Berfield, Marjorie, Iowa Falls
 Beurer, Edna, Iowa Falls
 Coates, Dorothy, Iowa Falls
 Clay, Lola, Iowa Falls
 Cobie, Ina, Ackley
 Cobb, Elinor, Iowa Falls
 Cushman, Frances, Iowa Falls
 Caine, Ida, Iowa Falls
 Cowan, John, Iowa Falls
 Carroll, Gladys, Ackley
 Coleman, Lurene, Iowa Falls
 Cady, Eloise, Alden
 Derbyshire, Zelpha, Iowa Falls
 Derbyshire, Laurene, Iowa Falls
 Dunning, Alice, Iowa Falls
 Dryden, Elizabeth, Iowa Falls
 Daehn, William, Iowa Falls

Dougan, Phyllis, Iowa Falls
 Dieken, Ella, Grundy Center
 Erdal, Inez, Stewartville, Minn.
 Evers, Kathleen, Iowa Falls
 Elliott, Geraldine, Iowa Falls
 Foster, Mildred, Iowa Falls
 Fiete, Dolores, Iowa Falls
 Furman, Beatrice, Iowa Falls
 Furman, Bernice, Iowa Falls
 Faust, Clara, Hubbard
 Fiete, Claude, Iowa Falls
 Fitts, Hattie, Iowa Falls
 Gilbert, Geraldine, Iowa Falls
 German, Mable, Iowa Falls
 Hahne, Georgiana, Webster City
 Hoffman, Bertha, Radcliffe
 Higgins, Ruth, Iowa Falls
 Hale, Richard, Iowa Falls
 *Hampton, Eugenia, Webster City
 Hall, Velma, Iowa Falls
 Hagensick, Agnes Lee, Iowa Falls
 Holste, Ruth, Massena
 Hager, Emma, Alden
 ---Hamilton, Phyllis, Iowa Falls
 Hedges, Eva, Zearing
 Harris, Oral, Iowa Falls
 Hay, Helen, Iowa Falls
 Hartman, Arlene, Iowa Falls
 Hamilton, Lucille, Iowa Falls
 Isham, Alice, Webster City
 Jackson, Erma, Iowa Falls
 Johnson, Marjorie, Iowa Falls
 Junkerman, Otto, Ackley
 Jordahl, Georgia, Buffalo Center
 Jordahl, Eva, Buffalo Center
 Johnson, Margaret, Iowa Falls
 Johnson, Minnie, Iowa Falls
 Jaycox, Emma, Manchester
 Jordahl, Ellsworth, Buffalo Center
 Kelly, Margaret, Iowa Falls
 Longueville, Katherine, Iowa Falls
 Leach, Genevieve, Iowa Falls
 *Lubbers, Anna, Webster City
 Lynk, Goldena, Iowa Falls
 Ludeman, Nella, Aplington
 Lyman, Wilma, Iowa Falls
 Lemke, Lee, Dows
 Lynk, Bernell, Iowa Falls
 McMurray, Ruby, Iowa Falls
 Miller, Lucille, Iowa Falls
 Milliken, Helen, Iowa Falls
 Mossman, Barbara, Iowa Falls
 Menter, Viola, Iowa Falls
 McClure, Kathleen, Iowa Falls
 Moore, Jean, Iowa Falls
 Mendell, Thelma, Iowa Falls
 Nichols, Margaret, Iowa Falls
 Nicola, Homer, Sanborn
 O'Neill, Roberta, Williams
 Powers, Louise, Iowa Falls
 Pottratz, Evelyn, Iowa Falls
 Prichard, Blanche, Alden
 Pagelson, Avanelle, Iowa Falls
 Pemberton, Ruth, Iowa Falls
 Pekarek, Helen, Iowa Falls
 Repp, Mary, Iowa Falls
 Ridout, Marvin, Iowa Falls
 *Reed, Helen, Webster City
 *Rauworth, Miriam, Webster City
 *Reed, Charles, Webster City
 Rosenberg, Anna, Iowa Falls
 Rosenberg, Elise, Iowa Falls

Racine, Gladys, Alden
 Schroeder, Ira, Blairsburg
 Spencer, Phyllis, Iowa Falls
 *Swanson, Dean, Webster City
 *Swanson, Margaret, Webster City
 *Sayrs, Maurine, Webster City
 *Seeley, Lenore, Webster City
 Speers, Mahlon, Iowa Falls
 Smith, Viola, Iowa Falls
 Schultz, Iva, Iowa Falls
 Seegar, Ruth, Hampton
 Schwendemann, Roy, Burnside
 Sanders, Hilton, Iowa Falls
 Springer, Vera, Hampton
 Saeman, Freida, Shanesville, Ohio
 Varnum, Frances, Iowa Falls
 Whittsitt, Claudine, Iowa Falls
 Whitney, Mrs. Vera, Hubbard
 Winter, Laura, Lakota
 Wood, Vera, Iowa Falls
 Wilbur, Geneveive, Iowa Falls
 Willson, Ewart, Wapello
 Watt, Mary, Iowa Falls
 Watters, Dahlia, Ackley
 Woodard, Clair, Humboldt
 Wareham, Lorene, Williams
 Welden, Jr. John, Iowa Falls

Voice

Axtell, Mamie, Iowa Falls
 Brown, Golda, Iowa Falls
 *Burger, Alvin, Webster City
 *Burger, Mrs. Alvin, Webster City
 *Berg, Lenadore, Webster City
 Croot, Della, Iowa Falls
 Clay, Ilda, Iowa Falls
 Clay, Lola, Iowa Falls
 Cobie, Ina, Ackley
 Caine, Ida, Iowa Falls
 *Craig, Fern, Webster City
 Cady, Eloise, Alden
 Daughenbaugh, Hazel, Iowa Falls
 *Dodge, Byard, Webster City
 Dieken, Ella, Grundy Center
 Erdal, Inez, Stewartville, Minn.
 Faust, Clara, Hubbard
 *Garth, Mrs. E. W., Webster City
 Hedges, Eva, Zeiring
 *Higbee, Mrs. Herbert, Webster City
 *Hall, Ralph, Webster City
 *Hoot, Mildred, Webster City
 Hake, Walter, Hubbard
 Jaycox, Emma, Manchester
 Jennings, Mrs. Ella, Webster City
 Jordahl, Ellsworth, Buffalo Center
 Koon, Maurice, Iowa Falls
 King, Mrs. M. B., Iowa Falls
 Lemke, Lee, Dows
 Larson, Mrs. Helen, Alden
 Ludeman, Nella, Aplington
 Milliken, Helen, Iowa Falls
 *Maxson, Ruth, Webster City
 *McCollough, Mrs. Mable, Webster City
 Minkel, Ruth, Dysart
 McCoy, Bruce, Iowa Falls
 Miller, Frances, Wellsburg
 Prichard, Blanche, Alden
 Ridout, Marvin, Iowa Falls
 *Ross, Cameron, Webster City
 Schroeder, Ira, Blairsburg
 Sheldon, Mrs. Ray, Iowa Falls

Schaub, Wesley, Webster City
 Saeman, Freda, Shanesville, Ohio
 Thalman, William, Iowa Falls
 Thalman, Anna, Iowa Falls
 *Thompson, Bessie, Webster City
 Wartchow, Gertrude, Iowa Falls
 Willson, Ewart, Wapello
 Wood, H. J., Boone
 Watters, Dahlia, Ackley
 Woodard, Claire, Humboldt
 *Wiese, Mary, Webster City

Harmony

Clay, Lola, Iowa Falls
 Coates, Dorothy, Iowa Falls
 Croot, Della, Iowa Falls
 Erdal, Inez, Stewartville, Minn.
 Holste, Ruth, Massena
 Hahne, Georginia, Webster City
 Junkerman, Otto, Ackley
 Milliken, Helen, Iowa Falls
 Schroeder, Ira, Blairsburg
 Watters, Dahlia, Ackley

Ear Training

Coates, Dorothy, Iowa Falls
 Erdal, Inez, Stewartville, Minn.
 Junkerman, Otto, Ackley
 Schroeder, Ira, Blairsburg

Analysis of Form

Hoffman, Bertha, Radcliffe

Counterpoint

Hoffman, Bertha, Radcliffe

History of Music

Clay, Lola, Iowa Falls
 Junkerman, Otto, Ackley
 Milliken, Helen, Iowa Falls
 McMurray, Ruby, Iowa Falls
 Willson, Ewart, Wapello

Public School Music

Clay, Lola, Iowa Falls
 Coates, Dorothy, Iowa Falls
 Erdal, Inez, Stewartville, Minn.
 Milliken, Helen, Iowa Falls
 Schroeder, Ira, Blairsburg
 Willson, Ewart, Wapello
 Watters, Dahlia, Ackley

SUMMER SCHOOL

Piano

Allison, Marguerite, Iowa Falls
 Bailey, Irene, Iowa Falls
 Brewer, Harriet, Iowa Falls
 Brightwell, Alma, Iowa Falls
 Breitenkamp, Mary, Webster City
 Cady, Eloise, Alden
 Croot, Della, Iowa Falls
 Derbyshire, Laurene, Iowa Falls
 Fiest, Mrs. Caroline, Iowa Falls
 Hamilton, Phyllis, Iowa Falls
 Hamilton, Lucille, Iowa Falls
 Hartman, Arlene, Iowa Falls
 Havens, Ayleen, Iowa Falls

		Summary		
		Men	Women	Total
Hedges, Eva, Zearing				
Junkerman, Otto, Ackley				
Johnson, Minnie, Iowa Falls				
Lynk, Goldena, Iowa Falls				
Moore, Jean, Iowa Falls	Piano	19	115	134
Morgan, Ruth, Iowa Falls	Voice	15	38	53
Marks, Cleo, Iowa Falls				
Mendell, Thelma, Iowa Falls	Harmony	2	8	10
Nicholson, Anita, Iowa Falls				
Pekarek, Helen, Iowa Falls	Ear Training	2	2	4
Smith, Viola, Iowa Falls				
Seegar, Ruth, Hampton	Counterpoint	0	1	1
Thalman, Anita, Iowa Falls				
Varnum, Frances, Iowa Falls	Analysis of Form	0	1	1
Wolford, Violet, Iowa Falls				
Wilbur, Genevieve, Iowa Falls	History of Music	2	3	5
Watt, Mary, Iowa Falls				
	Public School Music	2	5	7
	Summer School	2	29	31
Voice				
Brightwell, Alma, Iowa Falls		44	202	246
Daughenbaugh, Hazel, Iowa Falls				
Hedges, Eva, Zearing				
*Non-resident.				
		Names counted more than once		
		46		
		Net Registration		
		209		

Summary.

COLLEGE OF LIBERAL ARTS

	Men	Women	Total
Seniors	3	5	8
Juniors	8	8	16
Sophomores	8	18	26
Freshmen	26	34	60
College Special	5	8	13
Total in College of Liberal Arts.....	50	73	123

Home Economics Department

College	0	17	17
Academy	0	3	3
Total in Home Economics Department.....	0	20	20

School of Commerce

College	23	5	28
Academy	21	15	36
Total in School of Commerce	44	20	64

Academy and Normal Review

Academy	21	28	49
Normal Review	0	9	9

Summer School

College	13	34	47
Academy	10	18	28
School of Commerce	5	11	16
Normal Training	3	82	85
Music ,Piano and Voice	2	29	31
College Specials	2	7	9
Total for Summer School.....	35	181	216

Conservatory of Music

	Men	Women	Total
Piano	19	115	134
Voice	15	38	53
Harmony	2	8	10
Ear Training	2	2	4
Counterpoint	0	1	1
Analysis of Form	0	1	1
History of Music	2	3	5
Public School Music	2	5	7
Summer School	2	29	31
Total	44	202	246
Names counted more than once			46
Total Conservatory of Music			209
Total Entries			672
Less Duplicates			165
Net total for entire year			507

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UNIVERSITY OF ILLINOIS-URBANA



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